A Selected Bibliography of Publications by, and about, Enrico Fermi

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

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Title word cross-reference

+ [AFRW42, FF48]. −1/2 [CT67]. 1/2 [CT67]. **$13.95** [Ano96b, Ano95b]. **$14.95** [Ano95c]. **$17.50** [Bro68]. 1s [FA34]. **$21.00** [Gol99a]. **$29.99** [Seg15]. **$3.50** [Gra61]. 3/2 [CT67]. **$30.00** [Wes16]. 4/3 [BGJR24, Boc15]. **$49.95** [Stu06]. 4$d$ [Fer29g, Fer30k]. **$50** [Ano62, G.64]. **$6.95** [Bro73c]. 93^{237} [WS48]. ^{237} [ML48]. ^{239} [SP48]. ^{o} [Mon66]. $_{93}$ [ML48]. α [OVPL15]. β [Fer33b, FBE+34, Fer34n, Fer34o, HS19, Yan13b]. $F_{1/2}(x)$ [WR63]. f_t [Fer42d]. $\gg$ [Bas01, For01]. h/k [FR27b, FR27a]. k [Fer42c, Fer42s]. $\ll$ [Bas01, For01]. ν [FMM45]. p [FS34a, FS34b]. s [Fer28e, Fer28g].

-Decay [Yan13b, FBE+34]. **-Fermi** [OVPL15]. **-rays** [FS34a, FS34b, Fer34o]. **-Strahlen** [Fer34o]. **-Terme** [Fer28e, Fer28e]. **-Terms** [Fer28g]. **-Value** [FMM45].

/2nd [KGSO55]. **/FA** [KGSO55]. **/The** [KGSO55].

0 [Bat06]. **0-226-12111-9** [Bat06]. **0-226-81664-8** [Lau13a]. **0511222** [Esp05].

1 [Ano22, Gan02]. **11** [Fer42j]. **11.25** [Ano96b]. **121** [FSA41]. **1600-1980** [GHMP87]. **19** [Bro68]. **1911** [Meh75]. **1922/23** [CS99]. **1930s** [BR94, De 05c, Kra92, Orl98, Stu84, Tur06b, Stu79]. **1933** [CCJ+34, Fer33c]. **1938** [Fer38e, Fer39b, Fer62a, Fer70a, All62a, Rab63]. **1939** [Sei90]. **1939-1945** [Sei90]. **1939/1946** [HA62, HA69, HA90]. **1941** [Ano41a]. **1942** [Ano11, Lau46a, Lau46b, Wat82]. **1942-1952** [Fit13]. **1943** [F+43g]. **1945** [Hah75a, Pau45, Sei90]. **1946** [CSW97b]. **1947** [HA69, Sei90]. **1947-1977** [Sei90]. **1947/1952** [HAD90]. **1949** [FR76]. **1950s** [BDH89, Sei90]. **1954** [ASA55b, All57, Ano54b, Bai55, BC55, Cam54, Fer65b, Gla02, Wig55, Pal69, Sha67]. **1955** [Bet55]. **1960** [Zuc70]. **1960s** [Mla98]. **1968** [Ano68b]. **1969** [WH72]. **1972** [Meh73]. **1974** [Ano09d]. **1976** [MP77]. **1977** [Gro78, Sei90]. **1982** [MR86]. **1983** [GHMP87]. **1988** [DGS89, Rig00]. **1992** [GER+92]. **1994** [Ano94b]. **1996** [Ano96a]. **1st** [Fol86, GHMP87].

2 [Ano98, Ish19, Rab66]. **2001** [Ber02a]. **2002** [Bar05]. **20th** [APB96, ABP98, Meh73]. **22** [CCJ+34]. **25th** [Ano05]. **29** [Ber02a]. **29.00** [Cal13]. **2nd** [Gri96, KGSO55].

3 [FZ44]. **3.15** [Buc73b]. **368pp** [Wes16]. **3D** [KHB12].

40th [ATFF82, MKR87]. **41** [Zuc70, Bra69, Cer69, Rei69, Smi68].

5 [Wes16]. **50th** [Ano95a]. **54** [Laf71]. **5th** [KGSO55].

60-year-old [Ano15b].

7 [Tur08].

80th [FPLR59].

9 [Bat06, Mal08]. **93** [Nod34]. **93d** [Ano34c]. **93rd** [Ano34f]. **978** [Ish19, Mal08, Tur08, Wes16]. **978-0-226-81664-7** [Cal13]. **978-1-107-16365-2** [Ish19]. **978-1-62779-005-5** [Wes16]. **978-88-339-1746-7** [Tur08]. **978-88-518-0081-9** [Mal08].

A. [Ano55b, Fer35a]. **AAPT** [Fer52g]. **Abschlusses** [Pau25]. **absence** [Har75]. **Absolute** [Fer23j]. **Absorbed** [Fer42p]. **Absorption** [AF35a, AF35b, AF36a, AF36b, AF36d, AFS39, AF40, AFW42, AF42a, AF44a, AFW+47, AF4x, BJ41, Fer39a, FW41, Fer42a, Fer42f, Fer44a, AFW+57, Fer29d]. **abstract** [LFA+52, NAF+52]. **Academician** [Ano34c]. **Academy** [Ano41a, Ano41b, Bar05, WH72]. **Accelerator**

[Cre10, Wal74b, Wal74a, Ano51, Ano69]. **Accelerators** [Pes03]. **Accidental** [Dav82]. **According** [BM35, Fer27d, Geo32, Som27]. **Account** [Jon85b, Sei90]. **Accurate** [ABF14]. **achieve** [Ste59]. **Achieved** [Kae35]. **Action** [Ano34c, FR38, FR33b, FR33c, FAP+34]. **Activation** [AF44a]. **Active** [HS89, PAF+42, Fer42t, HS39a]. **Activities** [F+43a, F+43b, F+43g, F+43c, F+43d, F+43e, F+43f, Fer44d, F+44c, F+44d, F+44e, F+44f, F+44g, F+44a, F+44b, Tur06b]. **actuel** [Fer32a]. **ad** [Fer52b, Seg86a]. **Adams** [Hol90d]. **adaptation** [JB83]. **adaptive** [ZZWK12]. **adiabatic** [Fer23h, FP26, LC02]. **adiabatiche** [Fer23h, FP26]. **adiabatici** [LC02]. **Advances** [Kae35, Bar87]. **adventurous** [ABES12]. **Advisory** [Ano41a, OBC+49, Sei90]. **AEC** [Ano49, Ano63b, Ano68c, Ano70, Bet63, OBC+49, Wig62]. **Aestivation** [BHR19, SAĆ16]. **Affair** [Cal13, Lau13a, Tur12]. **Affairs** [GR63]. **Affinità** [Fer29a]. **affinity** [Fer29a]. **after** [Cal01, Cra00, GHH02, Kae48, Mal03a]. **Again** [Esp05]. **against** [Bax46, Bax68, Fer26a, Fer27b]. **Age** [Ano67a, GR63, Lau46a, Sch17, Stu18, Wat93, Wat04, Her79, Mag09, Mar96, Rif06, RK95, SH16, Ano67c, Ban04, Lau46b, Ste59, Gar18, Lan17, Sei90, Wes16, Lan18]. **Agency** [Fis97, IAE97]. **Ages** [VD15, Oak18]. **Agnew** [Ano12b]. **ago** [PZHC09]. **ai** [Ama02b, Ano02, FV02, Gan02, Seg83]. **Air** [Fer39a, FS58a, FS61]. **Air-cooled** [FS61]. **aktiver** [HS39a]. **al** [Bat03b, Fer49c, Ver01a, FM47f]. **Alamogordo** [LW71]. **Alamos** [Fer51d, Fer54c, Fit99, Fit13, MKR87, Ree17, Agn04, Ano75, BHB80, Esp08b, Fer80, Fey80, Gar04, HTS83, SR92, Sza92]. **Alan** [Sol68]. **Alarm** [Rid84]. **Albedo** [FAW38, Fer42e]. **Albert** [Ein39, Her79]. **alcalini** [Fer30m]. **alcune** [Fer22h, Fer27e, Fer28f, Fer28g]. **Alcuni** [Fer23a, Pon92, Pon13, Sal01]. **Alfred** [Mon66]. **algorithm** [ZZWK12]. **Alien** [Reg87, Sho09]. **Aliens** [AK16, AK17, SM09, Tar03, Web15, Gra16a]. **alienswhere** [Web02]. **alkali** [Fer30o, Fer30m]. **Alkalien** [Fer30o]. **alkaline** [HS39b]. **alla** [CS00c, Fer28c, Fer28d, Fer28f, Sal02b]. **alle** [GER+92]. **Allen** [Fri55b]. **allgemeinen** [Fer23b]. **Allgemeines** [Som28a]. **allievi** [Pon93]. **Allison** [Fer42l]. **allow** [Fer23h]. **allowed** [HS19]. **Alloy** [Fer42x]. **Alone** [Gri11, Gri18, Pap78, Cra00]. **Alpha** [Ano34c, FS41]. **Alpha-Particles** [FS41]. **Alpher** [AM23]. **Also** [Kat75]. **Alternating** [FR25a, FR25b, FR25c, FR25d]. **alternato** [FR25b, FR25c]. **Aluminum** [FM47d]. **Always** [KS99, Seg93]. **Alwyn** [Sei90]. **Amadesi** [Dra72a]. **Amaldi** [Bad67, Bat03b, Seg79]. **Amelio** [AS96]. **America** [Sei90, Zuc70, Kev77, Kev87, Kev95, Mal03b, Sop76, Sop80, Sop88, Stu84, Stu85, Tel02, Zuc70]. **American** [Bet55, Sei90, Sol68, WH72, Bad05, CHW91, GC99, Gon96a, Val06, WC84, Rom91]. **americana** [Val06]. **Amherst** [Bar05]. **amici** [Pon93]. **ammettono** [Fer23h]. **ammonia** [Fer32c, Fer32e, Fer32f]. **among** [FM03, Pin03]. **Amount** [Ano39a]. **Analisi** [Der64]. **analitica** [Fer23a]. **Analogue** [Mar59]. **Analyses** [Mon66]. **Analysis** [Fer44c, FMA54, D'A03, Der64]. **Analytic** [TSH+19]. **analytical** [Fer23a]. **Anders** [Sei90]. **angolari** [Fer23h]. **Anguished** [Sal03b]. **Angular**

[AFNY52a, AFMN53, Fer51a, Fer23h]. **anni** [Ama02b, CS00b, CDS01, Dra76, PS07]. **Annihilation** [BM35]. **Anniversary** [ATFF82, Ano95a, FB64, MKR87, BRV84, Pon55]. **Announced** [Ano39d]. **Annual** [Ano63b, Ano05, Bet63, G.64]. **anomala** [FR27b]. **anomale** [FR27a]. **Anomalous** [FR27b, Fer28a, FR27a]. **answers** [KS99]. **antimateria** [Ama61]. **antimatter** [Ama61]. **Anton** [Fis10a, Fis12a, Fis10a, Fis12a]. **Anwendung** [Fer28i, Fer28b, KGSO55]. **Any** [GB89]. **Anyone** [AK16, DS92]. **aos** [Seg87a]. **Apfel** [Büh98b]. **Appendix** [FSA41]. **apple** [Büh98b]. **Application** [CIR04, Fer28i, FMM47, GM85a, GM85b, GP31, Fer28b, KGSO55, Roq92]. **Applications** [Bro68, Sei55, Fer22h, Fer38f, SS11]. **Applicazione** [Fer28f]. **applicazioni** [Fer22h, Fer38f]. **Applied** [De 03]. **Applying** [Fer28f]. **appreciation** [Gol99b]. **Approach** [BPP18, De 05b, SN83, BP68, De 06b, EFGP99]. **approximant** [EFGP99]. **Approximation** [RNKS04, SZ62, WR63, SS11]. **Approximations** [CT67, MP56]. **April** [Bet55]. **Arcangelo** [Min02]. **Archibald** [Ano68b]. **Archives** [Bar05, Bat03b, Cra02, LRS00]. **archivi** [Bat03b]. **Argomenti** [Fer26a, Fer27b]. **Argonne** [AFMW42, Fer42s, F$^+$42b]. **Arguments** [Fer26a, Fer27b]. **Arms** [CF53a, Sei90, Sol68]. **Army** [Sei90]. **Arnold** [Nis18]. **Article** [Ano95a, FV02]. **Articles** [GR63, Sei90]. **articolo** [FV02]. **Artificial** [AGR04, ADF$^+$35d, Ano34a, Dys60, Fer34a, FAD$^+$34a, Fer35d, Fer35e, Fer39b, Fer65a, Fer70a, GLR06, GR09, GLR20, AFR37, Fer38f, ADF$^+$35a, FAD$^+$34b, Fer34d, Fer35a]. **artificiale** [AFR37, Fer34d, Fer35a, Fer35d, Fer35e, Fer38f]. **artist** [KS99]. **Arts** [WH72]. **Ascent** [Bro73a]. **asintotica** [Som32b]. **Asks** [AK16]. **Aspects** [SW72, Meh75]. **Associate** [Ama02a]. **associated** [Fer28d]. **Association** [Ano20]. **assoluta** [Fer23j]. **assorbimento** [AF36b]. **Assume** [G.64]. **Astbury** [Bad67]. **Asteroid** [Pap78]. **Astronautical** [KGSO55]. **Astronautische** [KGSO55]. **Astronomy** [Bro68, Kae35, Dea13, Mor58]. **Astrophysics** [Tau63]. **Asymptotic** [Din58, Som32a, Som32b]. **Asymptotische** [Som32a]. **atmosfera** [Fer38b]. **atmosphere** [Fer38b]. **Atmospheric** [Fer42g]. **Atom** [Ano34b, Ano39b, Ano39a, Ano39d, Ano54a, Ano55c, Bor57, Bor63, Bos50, Dro20, Kae45, Lau51, Mon66, Pau25, Rod19, Sei90, Som32a, Ano51, Bru11, CHW91, Fer29a, SW87, WC84, dL63]. **Atombaues** [Fer28i]. **Atome** [Som33, dL63]. **Atomen** [Fer24g]. **Atomi** [Fer30a, Fer25f, Fer25d]. **Atomic** [Ano34b, Ano34d, Ano39c, Ano39a, Ano41a, Ano41b, Ano50b, Ano53a, Ano53b, Ano67a, Ano16, Bro68, CBH09, Coc62, Com53, Com56, DJ99, Fer26b, Fer27e, Fer28i, Fer28g, Fer30f, Fer30h, Fer34g, FRD34, Fer46a, Fer46f, Fer57b, FR13, Fis97, Fri54, Fri55b, Gol80, Gow64b, GR63, HA69, HDHA89, HAD90, IAE97, Kow53, Lan94, Lan17, Lau46a, Lau51, Lef95, Man57, Mon66, Mor57, PG86, Rho86, Rho99, Sei90, Smy45b, Smy45a, Swi45, Tur06a, Wes16, Zin55, Bak76, Bar87, Bru11, CCJ$^+$34, Cra69, EE70, Fer28c, Fer28f, Fer28b, Fer30p, Fer32a, Fer61d, Flü39, FPLR59, Gol82b, GS22, Gow64a, GA74a,

GA74b, Gro67a, Gro67b, Her79, Kra15, Lan01, LW71, Mac86, Mac87, Pur63, SH16, SR92, Tho27, TSH+19, Van03, Ano67c, Ban04, Buc83, Kie13, Lau46b]. **Atomic** [Ste59, Sei90]. **Atomica** [Fer28c, Fer50a, Bru11, Fer30b]. **atomici** [Fer30h]. **atomico** [FRD34]. **atomique** [Fer32a, Gol80, Mon66]. **atomiques** [CCJ+34]. **Atomkerne** [Flü39, Fer30p]. **Atomreaktor** [Lan01]. **Atoms** [DE04, Fer25d, Fer26c, Fer28b, Fer54k, Fer57b, Fer82c, Fer87, LS77, Rut20, Sol03, Fer24g, Fer25f, Fer01, Lie81, Lie82, Mar75, Som33, Spr91, Fer30a, Man57, Som32a, Ano95b, Cam54, Fri55b]. **Attempt** [Fer33b, Fer34o]. **Attention** [Ken54]. **attuale** [Fer29d, Fer32c]. **attuali** [Fer29e]. **audience** [Ano12b]. **auspices** [CCJ+34, Smy45b]. **Austrittsvorgänge** [Som28a]. **autobiography** [Seg93]. **autoionization** [ACM10]. **automata** [Str98]. **aux** [Seg84]. **available** [Flü39]. **Avvengono** [Fer22c]. **avventurosa** [Tur08]. **Award** [Ano61, Ano67b, Ano68b, Ano90, Ano09b, G.64, Wal64a, Ano58, Ano59, Ano62, Ano63a, Ano63b, Ano65a, Ano66, Ano68c, Ano73, Ano79, Ano81, Ano93b, Ano94b, Ano96a, Bet63, Hol90a, WB64, Wig62]. **Awarded** [Ano50b]. **Awarding** [KGSO55]. **Awards** [Bar87]. **Azione** [FR33b, FR33c, FAP+34, FPR34a, FR38].

B [Bro68, Mag61, Wil71]. **B.** [Dra72a]. **back** [Mei64a, Mei64b]. **Backyard** [Sei90]. **Baeyer** [Ano94a, Ste93]. **Bagels** [Win86]. **Bailyn** [Zuc70]. **Bakerian** [Rut20]. **Ball** [Ano39a, Sei90]. **bande** [Fer25g, Fer32e, Fer32f]. **Bands** [Fer25g, Fer32e, Fer32f]. **Bare** [Ano39a]. **Barium** [HS89, HS39a]. **Bariumisotope** [HS39a]. **Barn** [Gou59]. **Based** [FMT49b, BDH89, FMT49a]. **Basic** [Gra61, Seg15]. **Basin** [Car15]. **basis** [Som28a, Som28b]. **Battle** [Kae45]. **Bayes** [D'A05]. **Bayesian** [D'A03]. **be** [Döb22, Flü39, Gro62, Gro83, KS99, Pap78, Rig84, Sch15, AFW42, AFRW42, FF48, FM47f]. **Beam** [FZ44]. **Beams** [Ano74]. **Beck** [Fer34p]. **Becquerel** [Mon66]. **Began** [Ano67c, FW67, Kae48, Fri54]. **Beginnings** [Gon96b, Led03]. **Behind** [Bar05, De 06a, Fri01, LS92]. **being** [De 05a]. **Beings** [Sch81, Tip80, Tip81b, Tip81c]. **Belloni** [Goo91]. **Below** [Fey80]. **Belt** [Pap78]. **Bemerkung** [Fer34p]. **Bendiner** [Sol68]. **Benedict** [Ano73]. **Benson** [Sol68]. **Berechnung** [Fer28e]. **Berekingen** [Fer24a]. **Berlin** [Stu06, Sim03]. **Bernard** [Zuc70, Ano93a]. **Bernardini** [Gra61, Mal05, Stu06]. **berücksichtigt** [CSW97a]. **Berylium** [Ano34c]. **Beryllium** [AF42b, FF42]. **best** [Pur63]. **best-kept** [Pur63]. **Bestandsaufnahme** [GHH02]. **Bestimmung** [Fer28b]. **Bestrahlung** [HS39b]. **Beta** [GR09, HS19, Jen00, Kon55, Rob83, Wil68, BRV84, Fer33b]. **Beta-Decay** [Kon55, BRV84]. **Bethe** [Ano61, Ber80]. **Better** [Sei90]. **Bettina** [Lan17, Wes16]. **Between** [Arb03, FM47c, Gol89, Stu18, Arb00, Fer22a, Fer22f, Fer23c, Fer24g, Fer25g, Fer25f, Fer25d, Fer42f, FU43b, Fer01, Mai91, MP56, Ste77, Tam34, Val06]. **Beweis** [Fer23b]. **Beyond** [Ano05, JAH09, Mer01, Rod19, RNKS04, Dro20]. **Bi** [FM47f]. **Bias** [Hoo03, Ore03b]. **Bibliografia** [Ano02, Dra72b]. **Bibliography** [Ano02, Dra72b]. **Bibliothèque** [Mon66]. **Big**

[Ano39d, Ano17]. **billion** [Bai17a]. **billion-year-old** [Bai17a]. **Binding** [Fer42i]. **biografia** [Mal03b]. **biographia** [Seg71, Seg87b, Seg09]. **Biographical** [Bar05, Seg62, Sei90, Kur02]. **Biographie** [Kra88]. **biographies** [Ano65b]. **Biography** [Sei90, GC99, GH90, Hol90d, LS92, Mal03b, Seg71, Seg87b, Seg09]. **Biology** [Kae35]. **Bird** [Sol68]. **Birth** [Ama03, BC03, BH83a, BH83b, Com53, FB64, Hol03, Kra78, Lan17, Lau46a, Lau46b, Mal03a, PZHC09, Sal02a, Wat93, Wes16, ACM10, Bas01, Ber02a, BH82, SH16]. **birthday** [FPLR59]. **bis** [Büh98b, Ern92, Fis10a, Fis12a]. **Bismuth** [Fer42h, FR33a]. **bismuto** [FR33a]. **Bodies** [Fer23k, Fer25b]. **body** [Fer29h]. **Bohr** [Ano39a, Lau13b, Sch00]. **Boiler** [Bun83]. **boilers** [Fer47a]. **Bollati** [Tur08]. **Bologna** [Stu06]. **bolschich** [Fer52h]. **Boltzmann** [Faz15]. **Bomb** [Ano54a, Ber88, FS95, Gol92, Gon96b, Kae45, Ken54, Lef95, MD67, Moo95, Mor57, Rho86, Rho95, Sei90, Swi45, Wol09, Bak76, Bru11, FR76, Gro67a, Gro67b, LS92, Mac86, Mac87, Mer01, Pur63, Sch15, SR92, Smy45b, Sti47, Sti76, Van03, Sei90]. **bomba** [Bru11]. **Bombardamento** [AFRS34, Fer34k, ADF$^+$34b, ADF$^+$34c, ADF$^+$34d, ADF$^+$34a, ADF$^+$35e, ADF$^+$35b, ADF$^+$35c, Fer34j, Fer34l]. **Bombarded** [AFH39]. **bombarding** [Ano34c]. **bombardirovkoi** [ADF$^+$35a, FAD$^+$34b]. **Bombardment** [Fer34a, FAD$^+$34a, Fer34h, Fer34k, Fer34i, Fer39b, Fer70a, Fri39, AFRS34, ADF$^+$34b, ADF$^+$34c, ADF$^+$34d, ADF$^+$34a, ADF$^+$35d, ADF$^+$35a, ADF$^+$35e, ADF$^+$35b, ADF$^+$35c, FAD$^+$34b, Fer34j, Fer34l, Fer65a, MF39b]. **Bombs** [Fer70d, Fer71b, Sei90]. **Bonolis** [Stu06, Mal05]. **Book** [All62a, Ama73, Ano94a, Ano95b, Ano95c, Ano96b, Bad67, Bad71, Bal63, Bat06, Bra69, Bro68, Bro73c, Buc73a, Buc73b, Cal13, Cam54, Cer69, Cre10, Dro20, Fal73, FBL64, Fra95, Fri55b, Gar18, Gol70, Gol99a, Goo91, Gra61, Gri96, Hay16, Hub13, Ish19, Kai04, Lan18, Lau13a, Lut66, Mag61, Mal05, Mal08, Man57, Min02, Moo95, Pal69, Rab63, Rab66, Rei69, Seg15, Sei90, Sha67, Smi68, Sol68, Ste93, Str98, Stu06, Tal17, Tar03, Tur08, Wei71, Wes16, Wil71, Win86, Zuc70, Dea13, Dra72a, Dra72b, Win86]. **Books** [Bar05, Gra61, Seg15, Sei90]. **Boorse** [Sei90]. **Boringhieri** [Tur08]. **Born** [Gre05]. **boro** [FR38]. **Boron** [AF42a, AF44a, AF4x, BFMM44, FR38, FMM47]. **Bose** [And99, Bul81, Din58, Faz15, GRJ03, Kap40, Mos50, Sch89]. **both** [Cra88]. **Bothe** [Six88]. **bound** [Pai86]. **Boundaries** [Cre10]. **Boundary** [FvN51]. **Boys** [AFM88, BCR09, Cod88, AS96, Ano01b, Bia90, FM03, Lom93]. **Branching** [AFG41]. **brauche** [Büh98a]. **Brecht** [Sch99b]. **Breeder** [FWN$^+$45]. **Breeding** [Fer44b, Fer45]. **Brief** [Ano66, Tip81a]. **Briefe** [Ern92]. **brilliant** [Mag09]. **Brillouin** [MP56]. **Bringing** [Stu85]. **Britain** [Ano50a, Esp08b, Gow64a, Gow64b, GA74a, GA74b, Rid84]. **British** [Ano20, Coc62, Fak83, Sza92]. **broadcast** [Swi45]. **Broadway** [Sch00]. **Brookhaven** [Gol89]. **Bruchstücke** [HS39a]. **Bruno** [Hay16, Seg15, B$^+$13, Bon05, Clo15, LMR06, Maf92]. **Brussels** [CCJ$^+$34]. **Bruxelles** [CCJ$^+$34, Far01]. **Bruzzaniti** [Tal17, Bru11]. **Build**

[GB89, Gol92, SR92]. **Builders** [MD67]. **Building** [Wat74]. **bulk** [Spr91, vN96]. **Bull** [ED83]. **Bulletin** [Ano93a, Ano93b, GR63]. **Buried** [Ano09a]. **Burns** [Sei90]. **Bursts** [Cow09]. **bury** [vHEGM12]. **Bush** [Gol92, Hol90b]. **businessman** [Tur06b]. **Byte** [Lan12].

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Determination [Fal73, Fer27e, Fer42e, Fer42d, Fer42f, ML48, CW73, Fer28b]. **determinazione** [Fer27e]. **deterrence** [GA74a, GA74b]. **detto** [FB69]. **Deuterium** [AFNY52b, FS50]. **deuteron** [Stu86]. **Deuterons** [FM49, SMKW46, SWK46]. **Deutsches** [Sim10]. **Developing** [Win86]. **Development** [Fer46d, Fer70b, Fra86, Meh73, Cum02, FR49, Meh75, Smy45b]. **Developments** [Ano97, CW32a]. **Device** [Ano50b]. **devices** [MZF+12]. **Devising** [AG14]. **Diamond** [Sol68]. **Diary** [Sei90]. **Dictionary** [GH90, Hol90d]. **did** [CSW97b, FB69, Ols63]. **Didatta** [Bas01]. **didattica** [Seb97]. **Didn't** [Wei94]. **Dies** [Fol86]. **Different** [Fer04b]. **Differential** [Som32a, Mir34, Som32b]. **Differentialgleichung** [Som32a]. **differenziale** [Mir34, Som32b]. **Difficulties** [Gou32]. **diffraction** [Fer22g, Fer22e]. **diffrazione** [Fer22g, Fer22e]. **Diffusion** [AF36a, AF36b, Fer24d, FW42, Fer42v, AF36e, Fer24c]. **diffusione** [AF36b, AF36e, Fer24d]. **Dimostrazione** [Fer23d, Fer23e]. **Dinamica** [Fer21a]. **dioxide** [Fer31e]. **Dip** [Ano06]. **Dirac** [BY90, Ama87, BDM81, Bel82, Bel94, CT67, Cra88, Din58, DuM28, Faz15, Fer49a, Fuk14, GG51, Kap40, KS42, KaKKZL05, MS38, Rho50, Rij66, SS11]. **Diraka** [Bel82]. **Directions** [MKR87]. **Director** [Sei90]. **disappearance** [GHH02, Mag09]. **disappearing** [Kea10]. **discharge** [Som28a]. **Discover** [Ser12]. **discovered** [Six88]. **discoverer** [Bar00]. **Discoverers** [Arb00, Arb03]. **Discoveries** [Kae35, Bra09, Seg76, Seg80, Seg84, Seg87a, Seg07]. **Discovery** [AGR04, Ama03, Ano39a, Ano82, Arb00, BHT86, FW67, Gol62, Gra64, GLR06, GR09, GLR20, Hah58, Mei62, Mon66, Rog13, Sim00, Ama84, Ano01a, CHW91, Car01, De 05a, De 06a, Dra76, FW85, Gou71, GA71, Kae48, Pen13, PZHC09, Rob12, Sim89, WC84]. **discrepancy** [Fer22a, Fer22f]. **discrepanza** [Fer22a]. **Discussion** [FBE+34, Fer44b, FWN+45, LCM+42, Pau34]. **discussions** [CCJ+34]. **Disembarked** [Ano82]. **Disintegration** [Boh39, MF39a, CW32b]. **Disintegrations** [Fer40b]. **diskette** [Win86]. **Dispersion** [FR27b, FR27a]. **dispersione** [FR27b]. **Display** [Sim10]. **Dispute** [Kra18]. **Disputes** [Ken54]. **dissemination** [PS07]. **Dissent** [Pri95]. **Dissociation** [AF44b]. **Dissolving** [SDO18]. **Distinctions** [Ano68a, Phi93]. **Distribution** [AFNY52a, AFMN53, Fer35c, Fer42u, Fer51a, Fuk14, Sch89]. **distributions** [Cra88]. **District** [Fer54l, Fer54m, HTS83]. **d'istruzione** [Ano01b]. **Divergent** [Fer52a]. **Divided** [Hay16, Seg15, Clo15]. **Divine** [GLR20]. **Division** [F+43b, F+43c, F+43d, F+43e, F+43f, F+44c, F+44d, F+44e, F+44f, F+44g, F+44a, F+44b, Fri39, F+42f, F+42e, F+42g, F+43a, F+43g, F+43h, F+43i]. **divulgatore** [Sci01]. **divulgazione** [PS07]. **Do** [Tip80, Fer23h, Tip81b, Tip81c]. **documentary** [CHW91, GA71, WC84]. **Documenti** [Ver02, Ver01b]. **Documents** [Agn03, EP08, Ver02, CSW97b, Ore03a, Ver01b]. **Does** [Kap40]. **Domestic**

[Fer54l, Fer54m]. **Domus** [Ama59, Der64, LRS00]. **Donald** [Zuc70]. **Donegani** [Fer49d, Fer50a]. **Don't** [Rob08, Sch81, Gra16a]. **doppietti** [Fer30m]. **dott** [Fer35a]. **doublet** [Fer30o]. **doublets** [Fer30m]. **Doubtful** [Kae39]. **Douglas** [Oak18]. **d'ouvrages** [Mon66]. **Dowd** [Oak18]. **Down** [Fer42v, Fer42w, FMM43]. **Downwind** [Sei90]. **Dozen** [Ano34a]. **Dr.** [Ano62, Fer35a, Ken54]. **Draft** [Fer34n]. **Drake** [Oak18, VD15]. **Drama** [Ken54, Sol68]. **Drop** [Lef95]. **druzej** [PP72]. **Dublettkomponenten** [Fer30o]. **Due** [AF44b, Fer42x, CS00c, Mai91]. **durch** [FR27a, HS39a]. **during** [De 03, Fer51d, Pin03]. **Dutch** [Fer24a]. **duties** [SA79]. **Dynamics** [BPP18, Fer21a, Mar59, Wei97, Str98]. **Dyson** [Ano94b, SW66].

E. [Bel82, Dra72b]. **Each** [Ano39d]. **Earlier** [Blu01]. **Early** [Agn82, And73b, Ber88, Boc15, Bun83, Coc62, Hol03, McM51, Pes03, CS99, De 05c, Esp08b, Gal02, Kra92, Roq92, Stu93]. **earth** [HS39b, FR33b, FR33c, Gri11, Har75]. **Economy** [Bat03a]. **ed** [Bat06, Fer22h, Fer23h, GER+92, Sal02b, Stu06]. **edited** [CW71, Fer35a, Jam11, Mal05, Mot81]. **Edition** [Ern92, Ano95c, Gri96]. **Editor** [Bar05, Hub13, Moo92a, BR57, Fer57c]. **Editorial** [Rig84, Rom91]. **Edoardo** [Bat03b]. **eds** [Zuc70]. **Education** [Ano01b, EL07, Seb97]. **Edward** [Sei90]. **Effect** [AFW+47, CFW42, DRWZ34, FR25a, FR25b, FR25c, Fer32b, Fer42g, Fer42h, Fer42i, Fer42r, Fer42y, FK08, AFW+57, Fer23n, Fer31e, FR31, Som27, Fer42y]. **effective** [F+42g, F+43h]. **Effects** [AMS19, Fer27c]. **Effektes** [Som27]. **effetti** [Fer27c]. **Effetto** [FR25b, FR25c, FPR34b]. **Effort** [Gon96a, Lew21]. **Eigenschaften** [Fer28b]. **einatomigen** [Fer26g]. **Einfluß** [FR25d]. **einiger** [Fer28b]. **Einstein** [Cra88, Din58, Ein39, Faz15, GM85a, GM85b, GRJ03, Her79, Kap40, Lau13b, San81]. **Einsteinian** [Kop23]. **Einsteiniana** [Kop23]. **Elastic** [Fer23k, Fer54g]. **elastici** [Fer23k]. **electric** [Fer21a, Som28b]. **Electrical** [Dug61]. **electrically** [Fer24g, Fer25f, Fer01]. **electrically-charged** [Fer24g, Fer25f]. **electricity** [Fer22a]. **electro** [Som28b, Fer27c]. **Electro-** [Fer27c]. **electro-magnetic** [Som28b]. **electrodynamic** [Fer22f]. **Electrodynamics** [Fer25a, Fer29f, Fer30g, Jac62, Sch02, Sch03a, Sch58, Sch03b, Cin02, Fer23c, Fer31b, Ferxx, Roq92, Fer25a]. **electrographite** [BJ41]. **Electromagnetic** [Fer21b, Fer22a, Fer22f, Fer23c, Fer31b, Fer38b]. **Electron** [Ano39d, BGJR24, LT05, LM83, RF26, RNKS04, WWL+09, And33, Gou71, Hoc83, Maj37, Som28a, Som28b, Fer29a, Som27]. **Electrons** [BM35, DuM28, Fal73, FU33a, FM47c, Zim62a, Zim62b, Zim62c, Zim62d, Zim62e, BF32, FU33b, Pau25, Mot81]. **Electrostatics** [Fer21b]. **elektrisch** [Fer24g]. **elektrische** [Som28b]. **elektrodynamischen** [Fer22f]. **Elektrographit** [BJ41]. **elektromagnetischen** [Fer22f]. **Elektronen** [BF32]. **Elektronengruppen** [Pau25]. **Elektronentheorie** [Som28a, Som28b, Som27]. **Element** [Ano34d, Ano34f, Fer34c, GA34, ML48, MA40, Nod34, SMKW46, SWK46, Ano34c, Ano34e]. **elementari** [Fer52f].

Elementarnaya [Fer47a]. **Elementary** [BH83a, Fer46e, Fer47b, FY49, Fer51b, Fer51c, Lar19, Nam85, BH82, Fer47a, Fer52f, Hub13]. **elementary-particle** [BH82]. **Elemente** [Fer28b]. **elementi** [Fer24b, Fer28f, FRD34, FA34]. **Elements** [Ano34a, Ano39a, Fer28a, Fer34g, FRD34, Fer40c, Fer40d, FMT49b, Fit99, Kra18, McM51, SW48, SP48, Sim00, CW32b, Fer24b, Fer28f, FA34, FMT49a, Fit13, Kea10, Pen79, Fer28b]. **Eletrodinamica** [Fer25a]. **Elettrica** [MF37]. **Elettriche** [Fer21a]. **elettrici** [Fer25f]. **elettro** [Fer27c]. **Elettrodinamica** [Fer25a, Cin02, Fer23c, Fer29f, Fer30g, Fer31b, Fer31c, Ferxx]. **Elettromagnetiche** [Fer21b, Fer22a, Fer23c, Fer31b, Fer38b]. **elettrone** [Maj37, RF26]. **elettroni** [FU33b]. **elettronica** [Fer29a]. **Elevate** [Fer34m]. **elio** [Fer29g, Fer30k]. **Elisabeth** [Bar05, Bar05]. **elusive** [KS99]. **Emanation** [GLR20]. **Emergence** [GRJ03, Gri11]. **Emergent** [Vol08]. **Emigration** [Rid84]. **Émigrés** [Stu84]. **Emilio** [Ama73, Ano96b, Bad71, Bro73c, Buc73a, Buc73b, Gol70, Kle71, Pal69, Wei71, Wil71, Seg93]. **Emilo** [All62a, Rab63]. **Emission** [CBH09, Fer42r, SZ39, Fer27d, Fer33b]. **Emitted** [AFRW42, FF42, FF48, Fer42p]. **Emphasized** [Kae35]. **Empty** [FP23]. **Enciclopedia** [Min02]. **encyclopedia** [Kur02, Bar05, DR01]. **End** [Lan12, Sei90, Gre05]. **energetici** [Fer38d]. **Energia** [Lom01, MF37]. **énergie** [Gol80, Mon66]. **Energieinhalt** [Flü39]. **Energies** [Fer53a, Fer54e, Fer52h]. **energiyach** [Fer52h]. **Energy** [AFM46, Ano39c, Ano39a, Ano39d, Buc83, Coc62, Fer40a, Fer41, Fer46a, Fer46f, Fer51a, Fer54g, Fis97, For01, Gow64b, GLR14, HA69, HDHA89, IAE97, Mai03, Mal03a, Mei62, Rho18a, Rub03, Seg85, Sei90, Sei03, Sei04, Smy45a, Stu93, Tur06a, Zin55, Bar87, Ber80, Cow09, Cra07, Esp08b, FP26, Fer38d, Fer50b, Fer54h, Fer55, Fer61d, Fer70c, Flü39, Fri54, Gol80, Gol82b, Gow64a, GA74a, GA74b, Hei55, Hei83, Lau46b, LW71, Lib85, Lom01, Sal02a, SW87, Smy45b, Fer57b, Man57, Mon66]. **Engineer** [Fer35a]. **Engineering** [EP08]. **engineers** [Jam11]. **Enrico** [All62a, Ano34c, Ano38a, Ano68c, Ano70, Ano95b, Ano95c, Bet55, Buc73b, Büh98a, CL03, CW71, Fri55b, Fri55a, Gar18, Hub13, Jam11, KGSO55, Lan18, Lan17, MR86, Pal69, Pie01, Rab63, Rab66, Sha67, Wes16, AGR04, All63, ASA55b, ASA55a, All57, Ama02a, And55, Ano47, Ano51, Ano56a, Ano58, Ano61, Ano62, Ano64, Ano68b, Ano73, Ano81, Ano82, Ano01a, Ano03, Ano07, Ano09d, Ano10, Ano12a, Ano15a, Bai55, Bal63, Ban03, Bas01, Bas02, Bat01, Ber01, BC03, BB04a, BB04b, BB02, Boc15, Bon02, BC55, Bro73c, Bru07, Bru11, Bru16, Büh98a, Cal75, Car01, Car05, CM02, Cat03, Cha73, Cif08, Com42, Coo99, Cor98, CS99, CDS01, DR01, De 05a, DE06a, De 06b, DE06b, DS07, DE07, DS09, DS10]. **Enrico** [DE15, Deb53, Der64, Dys04, ED83, EE70, EP08, EP10, FV02, FSA41, Fer46i, FH46, Fer49c, Fer54k, Fer65c, Fer82c, Fer87, Fis10b, Fis12b, Gam03, Gla02, Gol99b, Gol99a, Gri96, GLR06, GR09, GLR20, GS74, Hah62, Hol90c, Hol02, Hol07, JM02, Jam04a, Kon50, Kub09, Laf71, Mal03b, Mal03a, Mal10, Met54, Met55, Mil07, Min02, Mor63a, Nis18, Ore01a, Ore03a, Ore04, Peg39, Per55, Per02, PS07, Pie01, Pon55, PP72, Pon92, Pon93, Pon13, PZHC09, Pra04, Rab66, Ras55, Ras68,

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[Kow15]. **explanation** [Har75]. **Exploring** [WH72]. **Explosion** [Ano39b]. **Explosive** [Wal04]. **Exponential** [AFF$^+$42b, Fer42c, F$^+$42a, Fer42q, F$^+$42d, Fer57a, Fer58b, F$^+$42b, F$^+$42c, F$^+$42f, F$^+$42e, F$^+$42g, Fer42j]. **Exponents** [BPP18]. **extensions** [GR86]. **Extracting** [Ano12c]. **extraordinary** [Mag09]. **extraterrestres** [Cha15]. **Extraterrestrial** [Bri83, Cro99, KB89, Oak18, Sag73, SD75, SN83, Sch81, Tar03, Tip80, Tip81a, Tip81b, Tip81c, VD15, Web15, AK17, Cro86, DS92, Nea14, Pap85, Sho09, Web02, Wes90, Wil01]. **Extraterrestrials** [HZ82, Hof90, Reg87, Cha15, Har75, ZH95].

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N [Gar18, Lan18, Mon66]. **N.Y** [Bar05]. **nach** [GHH02, Som27]. **Nachweis** [HS39a, HS39b, HS39a]. **Named** [Ano63b, Bet63]. **Names** [Laf71]. **naming** [Stu86]. **Nanoscale** [WWL+09]. **nanowire** [MZF+12]. **narrative** [Com56]. **Nascita** [Sal02a, Bas01, Ber02a]. **nation** [Fer54c]. **National** [Ano41a, Cre10, GR63, Wal74b, Wal74a, GC99, Ano41b, FSA41, Fer49c]. **Nationalism** [Cra92]. **Natural** [FBE+34]. **Nature** [Bad67, Dar98, Fer57c, SP48, Tel57, Ama66, Meh73]. **Nauchnye** [Dir03, Fer71a, GS74]. **Nauchnykh** [Dir03]. **Navigator** [Ano54c, Ano82, Ano95a, Sag04]. **navigatore** [Ano82]. **Nazionale** [Fer49c].

Nazism [Ols63]. **NDCrc** [FSA41]. **NDCrc-121** [FSA41]. **Need** [Kae35, Büh98a]. **Negative** [AFNY52b, AFL$^+$52, FT47, FTW47, FAL$^+$52, FGMN53, FMA54, FTW65, LFA$^+$52, NAF$^+$52]. **neglected** [Roq92]. **negli** [Car05, PS07]. **nei** [Fer22e, Fer26d, Fer30m, Fer32b, Gal02]. **Neighborhood** [Fer22c, Fer66c]. **Neighbors** [Tar03]. **Neither** [Gra15, Six88]. **neitronnoi** [ADF$^+$35a, FAD$^+$34b]. **nel** [Ano82, Ber02a, Cum02, Pon92, Pon13]. **nella** [AF36c, Dra76, Fer23i, Fer26b, FP26, Fer27d, Fer29d, Fer30d, Fer30e, Fer30l, Fer31b, JM02, Mai91, Mal08, Pon92, Pon13, Seg76, Seg83]. **nell'alta** [Fer38b]. **nelle** [Fer32b, Fer36d]. **nell'insegnamento** [DE06a, DE15]. **neptunium** [Ano34e, Nod34]. **Neumann** [Kow15, Tau63, vN96]. **neutral** [KS99]. **Neutrino** [Ano56b, CRH$^+$56, GLR14, KS99, RC53, Sut92, Bro78, Rei96]. **neutrinos** [Bon05, Fra04]. **Neutron** [AGR04, AFS39, AF41b, AFF$^+$42b, AFF$^+$42a, AFW$^+$47, Ano34b, Ano38b, Cha32b, De 05c, EP10, Fer34a, FAD$^+$34a, Fer34h, Fer34k, Fer34i, Fer39b, FB41, Fer42e, Fer42p, Fer42n, Fer42o, FZ44, Fer46c, Fer46b, Fer46h, Fer46i, FH46, FM46a, FM46b, FMM47, FM49, Fer50c, Fer51f, FA61, Fer70a, Fri39, GLR06, GR09, GLR20, Kae39, Lau13b, Rob50, Rob83, Rog13, Seg55, Stu93, AFRS34, ADF$^+$34b, ADF$^+$34c, ADF$^+$34d, ADF$^+$34a, ADF$^+$35d, ADF$^+$35a, ADF$^+$35e, ADF$^+$35b, ADF$^+$35c, Ama84, AFW$^+$57, Bro73b, Cha32a, De 05a, De 06a, FAP$^+$34, FAD$^+$34b, Fer34j, Fer34l, Fer65a, GS22, HS39a, HS39b, MF39b, Six88, Jam11]. **Neutron-Absorption** [AFW$^+$47, AFW$^+$57]. **Neutron-Induced** [AGR04, GLR06, GR09, GLR20, De 05a, De 06a, FAP$^+$34]. **Neutronen** [BJ41, HS39b]. **Neutronenbestrahlung** [HS39a]. **Neutroni** [AFRS34, Fer34k, FR35, Fer38d, ADF$^+$34b, ADF$^+$34c, ADF$^+$34d, ADF$^+$34a, ADF$^+$35e, ADF$^+$35b, ADF$^+$35c, AF35a, AF35b, AF36b, AF36c, AF36d, AF36e, AFR37, Car01, Car05, Dra76, FAP$^+$34, FPR34a, FPR34b, Fer34j, Fer34l, Fer36c, Fer36d, FR38]. **Neutronic** [FS55, FZ55, FA56, FS57a, FL57, FS57b, FZ57, FS58a, FZA58, Fer60, FS61]. **Neutrons** [AF35a, AF35b, AF36a, AF36b, AF36c, AF36d, Ama03, AFH39, AF39, AF40, AF41a, AFW42, AF42a, AF42b, AFRW42, AFN44, AFM46, AF4x, Ano34c, BM35, BFMM44, De 05b, FF42, FF48, FPR34a, Fer35b, Fer35c, Fer36c, FR38, FAW38, Fer40c, Fer40d, FW41, FSA41, Fer42a, Fer42f, Fer42i, Fer42p, Fer42r, Fer42v, Fer42w, FT43, FW43, FMM43, FZ44, FHN44, FZ46a, FZ46b, FM47a, FM47c, FM47b, FM47d, FM47e, FM47f, FSS47, GLR06, HS89, MF39a, SZ39, Tam34, Tur06a, AF36e, AFR37, Bon05, BJ41, Car01, Car05, De 06b, Dra76, FR35, Fer36d, Fer38d, F$^+$42g]. **never** [FV02, Gra16a]. **News** [Ano66, Stu85]. **Newton** [Büh98b]. **Newtons** [Büh98b]. **next** [Gan02]. **ni** [Six88]. **Nichols** [Sei90]. **nicht** [CSW97a]. **Nicole** [Mon66]. **nine** [Van03]. **Nineteen** [FB64]. **Nitrogen** [Fer42g]. **No** [Fer34c, Fer42j, Fre85, Kow15]. **Nobel** [Bar05, MFS$^+$6x, Ano65b, Bar05, CHU87, Cra92, CSW96, CSW97a, CSW97b, Cra02, Dar04, Fer38e, Fer39b, Fer70a, Fri01, Gra16a, Gre05, Har02, Kur02, MFS$^+$6x, Pau45, Peg39, Wil69]. **Nobelist** [Ano50b]. **Nobelpreis** [CSW97a]. **Noble** [Hal69]. **Noddack** [Hoo03, Ore03b]. **Nominators** [Bar05, CHU87]. **Nominees** [Bar05, CHU87].

Non [Mai91, Sch99a, FV02, Fer23g, Fer23h]. **Non-Fermi** [Sch99a]. **nonexistence** [Fer23g]. **Nonlinear** [Ano05, FV02, FPU55, FPU74, PUF65]. **n'ont** [Six88]. **Nor** [Gra15, Six88]. **normal** [Fer23b, Fer23d, Fer23e, Fer23g]. **normale** [Fer23d, Fer23e]. **normali** [Fer23g]. **Normalsystem** [Fer23b]. **nostri** [Ama02b]. **Notable** [Kae35]. **Note** [FR48, Fer62a, Fer65b, Mor63a, Ano94a, Moo92a]. **Notebook** [AGR04]. **Notebooks** [AA55]. **Notes** [Fer61a, Fer65c, Fer66b, Ore58, Ore82, Ore01b, Bar05, Spr91, Bel82, Gri96, Ano95c]. **Novel** [Bun83, EP08]. **Noyau** [Pau34, Fer32a]. **noyaux** [CCJ$^+$34]. **nozione** [FP26]. **Np** [ML48]. **nucléaire** [Gol80]. **Nuclear** [Ama03, Ano07, BHT86, Bad05, BW39b, Bri65, BR94, BR96, Cal75, Cal13, De 03, EP08, Fer40b, FBR$^+$41, F$^+$42c, FU43b, F$^+$43b, F$^+$43c, F$^+$43d, F$^+$43e, F$^+$43f, FU43a, F$^+$44c, F$^+$44d, F$^+$44e, F$^+$44f, F$^+$44g, F$^+$44a, F$^+$44b, Fer45, Fer49e, Fer50d, Fer50e, Fer51a, Fer57c, Fer58b, Fer61b, Fer74, Fol86, For01, Gar18, Gra64, Hei03, Hug03, Jam11, Jen00, Lau13a, LF62, MF39a, Mei62, Mla98, MŚ94, NBDG40, Pal69, Pin03, Pra04, Ros72, Rut20, Sag83, Sch17, Seg85, Sei90, Sim00, Sim10, Sim12, Stu84, Stu18, Tel57, Tur06b, WS48, Wat93, Wat04, Wig62, Wig96b, vHEGM12, Ada72, Ama84, And73a, Ano11, Ban03, Bar00, BRV84, Bey49, Cah95, CHW91, Cra07, CSW97b, Cum02, De 01, Esp08b, EP10, Fer38d, F$^+$42d, F$^+$42f, F$^+$42e, Fer47a, Fer50b, Fer55, Fer70c, Fri74]. **nuclear** [Gol80, Gol82b, GA71, Gra16a, GS89, Ham02, Hol02, Kae48, Lan18, Mag09, PHK25, Rif06, Sal02a, Ste59, SF44, Tur12, WH72, WC84, Wil75, Wol80, F$^+$43a, F$^+$43g, Fer52h, Lom01, Stu79, Sei90]. **Nuclear-Fission** [Sim10, Sim12]. **Nucleare** [For01, De 01, Lom01, Mal08, Sal02a]. **nucleari** [Cal75, Cum02, Fer38d]. **Nuclei** [Boh39, Fer30f, Fer54g, Fer75, Fri39, Goe48, Goe49, Ama87, Ama02b, BP68, CCJ$^+$34, Fer25d, Fer30h, Fer54h, Flü39, Maj28, Bro68]. **Nucleon** [Fer53a, Fer53b, Fer54f, Fer54e, Fer54a]. **Nucleon-Nucleon** [Fer53a, Fer54e]. **Nucleonics** [FFH$^+$44]. **Nucleons** [Fer83, FF55, FF08, Cif08]. **Nucleus** [Ano34b, Fer52c, FR13, Kow53, Mei39, MF39c, Fer30p, Fer32a, Fer52e]. **Number** [AFRW42, Ano34d, Fer34g, FRD34, Fer42p, Kre71, KaKKZL05]. **Numbers** [Lew21, AG14, Ree00]. **numerica** [Mir34]. **Numerical** [FM52, DPR05, Mir34, PZHC09]. **numero** [FRD34]. **nuova** [FP26, Fer28d, Fer30b]. **nuove** [Fer29c]. **Nuovi** [AFRS34, Lom93]. **nuovo** [Ano82]. **nur** [CSW97a]. **nutzbar** [Flü39].

O [Jam11, Bel82]. **O.** [Ber01]. **obbediente** [Bru07]. **Obedient** [Bru16, Tal17, Bru07]. **Obey** [Kap40]. **Obeying** [Mos50]. **Obituary** [FH81, Ama56]. **Observations** [Blu01]. **Obtaining** [CW32a]. **occasion** [BRV84, FPLR59, SA79]. **Occur** [Fer22c, Fer66c]. **October** [Ano41a, Ano03, CCJ$^+$34, Far01, FR76]. **octobre** [CCJ$^+$34]. **Odds** [Hof90, Lau13b]. **odyssey** [Yor87]. **offering** [KS99]. **Office** [Sei90]. **official** [Smy45b]. **offprints** [Met54]. **often** [Gra16a]. **Oh** [Mil05]. **Old** [DS09, Gol89, Ano15b, Bai17a, DS10]. **Oliphant** [Ano34b]. **once** [Ols63].

once-great [Ols63]. **onde** [Fer38b]. **ondulatoria** [Fer27d, Fer30l, FP26]. **One** [Bar05, LT05, Bai17a, Bia90, KS99]. **One-Electron** [LT05]. **Ongoing** [Tar03]. **only** [Ano39d, CSW97a, Fer52g, Gri18, LFA$^+$52, Mai91, NAF$^+$52]. **Onset** [DJ99]. **Open** [DF06]. **Opening** [Sch00]. **Opens** [Cow09]. **opera** [Sal02b]. **Operating** [FS57a]. **operations** [Som28a]. **Opinion** [Gol92, FR49]. **Oppenheimer** [Ano63a, Ano63b, Bet63, Ken54, PC06, Val06]. **Opportunity** [Rid84]. **Optical** [Fer24c]. **Optimum** [Fer42u]. **ora** [Sal01]. **Oracles** [Sei90]. **Oraria** [Fer22c]. **orbital** [SHL$^+$18, TSH$^+$19]. **orbite** [FA34]. **orbits** [FA34]. **Order** [Rho50]. **Orders** [CT67]. **Ordinary** [FAL$^+$52]. **Origin** [BR96, Fer49f, Fer49g, Fer54b, Bel97, Fer49b, Fri74, Pen79]. **Original** [HM07, AS96, PHK25]. **originale** [AS96]. **originally** [Bey49]. **Origins** [Mar83, Pri95]. **Orso** [Fer37b]. **Oscar** [FM03]. **oscillating** [Bon05]. **oscillation** [Fer32c]. **Oscillations** [CK08, KS99]. **Oscillator** [Mar59]. **oscillazione** [Fer32c, Fer32e, Fer32f]. **other** [Kea10, Rei72, Wol80]. **Otto** [CSW97a, Ern92, CSW97a, Ern92, FPLR59, Her79, Sim12]. **Our** [Wat74, And74b, And74a, Wil75]. **Outer** [Bau85]. **ouvrage** [Mon66]. **ove** [Seg86a]. **ove-ad** [Seg86a]. **ove-tagliyotehe** [Seg86a]. **Ownership** [Ano55b]. **Oxford** [Bar05, Gol99a]. **Oxford/New** [Bar05]. **Oxide** [AFF$^+$42b, AFF$^+$42a].

P [Fal73, HH04b, Mon66, Str98, Wig67]. **Pacific** [Ken54]. **Padé** [EFGP99]. **pages** [Ano95b, Ano95c, Ano96b, Bro73c, Gol99a, Seg15, Stu06, Wil71, Wil71]. **Paired** [Sei04]. **Paired-up** [Sei04]. **Pandora** [Van03]. **panel** [Ano51]. **Pang** [Fra95]. **Panisperna** [AS96, Tur08, Ama03, AFM88, AS96, Ano01b, Bia90, BCR09, CL03, Car05, Cod88, FM03, Lom93, Mal10, Pie01]. **Papa** [Mal10]. **paper** [Pau34]. **Papers** [All62a, Dir03, Mor63a, Pal69, Rab63, Rab66, Sch58, Sch03b, Sei90, Sha67, vN96, DP97, Fer62a, Fer65b, Fer71a, Rom91, Wig96b, Wri64, Wri65, Yan13c, Bal63]. **Paradigm** [JAH09]. **Paradox** [For19, Gra15, Gra16a, Tar03, AS13, BB15a, BB15c, Bai17a, Bai17b, Bai18, Cha15, Döb22, Kow15, Web02, Wes90, BHR19, BB10, BB15b, BB15d, Bax01, Ber18, Ćir09, Ćir16, Ćir18, Fre85, Gra15, Gra16b, Gra16a, HMB09, Lan12, SAĆ16, SDO18, Sch94, SHM19, Web15, Ish19]. **paradoxe** [Cha15]. **Paraffin** [AF36c, Büh98a, Hol02]. **Paraffin.** [Büh98a]. **paraffina** [AF36c]. **Paris** [KGSO55]. **Paris/FA** [KGSO55]. **park** [Kra15]. **Part** [Fer42n, Fer42o, Fer46c, ADF$^+$35d, BB15a, BB15b, Som28a, Som28b, Wig96b]. **parte** [Fer23l]. **Particelle** [Fer52f, Fer33a, Fer34e, JM02]. **participants** [Pau30]. **Participation** [Man57, Fer57b]. **Particle** [BH83a, BH83b, Lar19, Mai03, Nam85, Ser12, Ano51, BH82, BDH89, JM02, Rei96, PQQ94, Fra95]. **Particles** [Ano34c, FS41, FY49, Mos50, Fer24g, Fer25f, Fer51b, Fer51c, Fer51e, Fer52f, Fer01, Fis10a, Fis12a, Mil07, Hub13]. **Partisans** [Sol68]. **Past** [F$^+$43a, F$^+$43b, F$^+$43c, F$^+$43d, F$^+$43e, F$^+$43f, F$^+$44c, F$^+$44d, F$^+$44e, F$^+$44f, F$^+$44g, F$^+$43g]. **Pasta** [AMS19, Ano05, Ano15b, BPP18, BI04, BI05, DPR05, OVPL15, Str98, Wei97, Dau08, PZHC09]. **Patent**

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[Fer42v, Fer42w, FMM43]. **smallest** [Fis10a, Fis12a]. **smasher** [Ano51]. **Smith** [Sei90]. **Smyth** [Kae45]. **So-Called** [Gra16b]. **Sobranie** [Dir03]. **Social** [Bad05, Wil71]. **Società** [Stu06]. **Society** [Bet55]. **Socio** [Ama02a]. **Socrates** [Gri04]. **Soddy** [Mon66]. **soglie** [GER+92]. **Sole** [Fol86]. **Solid** [Fer25b, Bas02, Bul81]. **solid-state** [Bas02, Bul81]. **solidi** [Fer25b]. **Solido** [Bas02]. **Solids** [LS77]. **Solipsist** [SN83]. **soliton** [Bul81]. **solo** [Mai91]. **Solution** [Ano94a, FM52, GG51, HMB09, Ber18, Esp02, vB93, Ste93]. **Solutions** [BY90, Tar03, Web15, ABF14, Döb22, Web02]. **Solvay** [CCJ+34, Far01, Meh75, CCJ+34]. **Solve** [Ano15b, AG14]. **Solved** [Boc15]. **Solving** [ED83, For19, Nis18, Ish19]. **Some** [Fer27e, Fer28g, Fer41, F+42a, Fer62b, GR86, Nie89, Ros04, Sag83, Wal64a, Dug61, Fer22h, Fer28f, Fer28b, Ols63, Ore03a, Spr91, Fer23a, Pon92, Pon13, Sal01]. **Sommario** [For01]. **Sommerfeld** [DuM28, Nis18]. **Songs** [Sol68]. **Sopra** [AF36b, Fer22c, Fer23j, Fer24d, Fer25c, Fer25b, Fer25d, Fer26e, Fer26d, Fer29f, Fer30g, Fer34m, RF26, Fer22g, Fer22d, Fer22e, Fer23g, FR25b, FR25c, Fer31c]. **sora** [CM02]. **Sorry** [BR57]. **Sort** [Ser12]. **sostanze** [FAP+34, FPR34a, FPR34b, Fer36d]. **Sound** [Fri74, Ano75]. **Source** [AFRW42, FF42, FW43, Kae39]. **Sources** [Dys60, GLR06, KHFA67]. **sous** [CCJ+34]. **Souvenir** [Per55]. **Soviet** [Gon96b, SSSS95]. **sozdavaemaya** [ADF+35a, FAD+34b]. **Space** [Bau85, FP23, WWL+09, O'N74]. **Spaceship** [Sut92]. **Spain** [GHMP87]. **spazio** [FP23]. **Special** [Cif08, SSSS95]. **Spectra** [Fer30i, Fer30j, Fer31d, Pau25]. **Spectral** [Fer24a, Fer34m]. **spectral-line** [Fer34m]. **spectrograph** [FR33a]. **spectrometry** [Nie89]. **spectroscopic** [MS01]. **Spectrum** [HS19]. **speculation** [Pei86]. **Speeches** [Bas01, CDFS53a, CDFS53b, CDFS54, Fer52c, Ano65b]. **Speed** [Ano34b, Lau13b, Sei03]. **spektraallijnen** [Fer24a]. **Spektren** [Pau25]. **Spencer** [Sei90]. **sperimentale** [Fer29c, Fer30b, Sal01]. **sperimentazione** [Dra76]. **Spettrali** [Fer34m]. **spettri** [Fer30i, Fer30j, Fer31d]. **spettrografo** [FR33a]. **spettroscopiche** [MS01]. **Sphere** [FW41, FSA41]. **Spies** [Lan94]. **Spin** [FM47f, FM49, Gou71]. **Spinning** [RF26]. **Spiral** [CF53a]. **Split** [Ano39d]. **Splits** [Kae39]. **spoon** [Kea10]. **Spostamento** [Fer34m]. **spreading** [AS13]. **Spriel** [Mon66]. **Springer** [Stu06]. **Springford** [Mot81]. **spy** [Clo15, Seg15, Hay16, Sei90]. **spymaster** [SSSS95]. **stability** [CF53b, Spr91]. **Stage** [BP97, BP58]. **Stagg** [Moo92b]. **staircase** [Fis10a, Fis12a]. **Stallion** [Sei90]. **Stamp** [Hub01]. **stand** [Rob08]. **Standardization** [AFMW42]. **Standards** [AF41b]. **Stanisław** [PZHC09]. **Stanley** [Sol68]. **Stars** [Bau85, Fer30a, Spr91]. **start** [Wol80]. **start-up** [Wol80]. **Started** [Ano68d]. **State** [FMT49b, Bas02, Bul81, Fer32a, Fer32c, FMT49a, GS89]. **Statement** [OBC+49]. **States** [DGS89, Fer23m, Fer65b, HA69, HDHA89, Pal69, Smy45b, Fer24h, Zag11, Zag13, Fer57b, Rid84, Wat88]. **Stat'i** [Dir03, Fer23m]. **Statistica** [Fer36b, Bel97, CS00c, CS00b, CS00a, CS00d, Fer23n, Fer28f, Fer28g, Fer29a, Fer96, Par02]. **Statistical** [DE04, Fer27e, Fer28i, Fer28g, Hal28, Sol03, Fer23n, Fer28f, Fer28b, Fer29a,

GR05, SW87, Fer28e, Fer36b, Fer96]. **statistico** [Fer27e]. **Statistics** [Fer66a, Fer66b, Kap40, Mos50, Ore58, Ore82, Ore01b, SC03, Sei55, Ama87, Bel82, Bel94, Bel97, CS00c, CS00b, CS00a, CS00d, KaKKZL05, Par02, Sch89, Som27, Som28a, Som28b]. **Statistik** [Som28a, Som28b, Som27]. **statistike** [Bel82]. **statistische** [Fer28b, Fer28e]. **statistischen** [Fer28i]. **Stato** [Bas02, Fer32c]. **Status** [F$^+$42c, F$^+$42d, F$^+$42f, F$^+$42e]. **Steinsalzes** [FR31]. **Stellar** [Dys60]. **stelle** [Fer30a]. **Stephen** [Mon66, Tar03, BB10]. **Steps** [G.64]. **Stern** [Fer23j]. **Sternstunden** [Büh98b]. **still** [Kae48]. **Stockholm** [Bar05, Fer39b, Fer70a, Har02, WD06]. **Stoner** [Fuk14]. **Stood** [vH01]. **Storia** [Bel87, Goo91, Seb97, Wei77, Bat03b, Maf92, Val06]. **Storico** [CL03, Pie01]. **Story** [Gam85, Kae45, Kra18, Lau46b, Mon66, Fer61d, Gro67a, Gro67b, Gro62, Gro83, HTS83, Kie13, Lom93, Maf92, Pur63, Val06, Mon66]. **Stoßes** [Fer24g]. **Stoßvorganges** [Fer26h]. **Strahlen** [Fer34o]. **Straßmann** [CSW97a, CSW97a, FH81, Sim03]. **Striking** [Hol74]. **Strömungs** [Som28a]. **Strömungs-** [Som28a]. **strong** [Fer26d]. **Strontium** [FM47d]. **Structure** [CCJ$^+$34, Fer28i, Gou32, Pau34, FS33a, FS33b, Fer33c, Pau25, CCJ$^+$34]. **strumentazione** [Car05]. **strutture** [FS33a]. **Stück** [Büh98a]. **Student** [Fir05, Ano96a]. **Students** [Ros04, PP72, Pon93]. **Studi** [CL03, Pie01]. **Studies** [Ano05, Bar05, Cra02, Cre10, FPU55, FPU74, PUF65, Rob83, Bey49, Cra92, Hol78, dL74, Fer22d]. **Studii** [Fer22d]. **study** [Fis10a, Fis12a, Pie01]. **sua** [Sal02b]. **suas** [Seg87a]. **Substance** [Ano34d]. **Substances** [FPR34a, FAP$^+$40, FAP$^+$34, Fer36d]. **success** [Bel87]. **Successful** [Ken54]. **successo** [Bel87, Goo91]. **Sudoplatov** [McM94]. **sue** [Fer22h]. **Suffer** [Met74]. **suggested** [Gra16a]. **Sugli** [LC02]. **Sui** [Fer25e, Fer30h, Fer36c, FR35, FR38]. **Sul** [AF36c, CS00d, Fer21b, Fer23k, Fer23l, Fer27d, Fer29g, Fer29h, Fer30k, Fer30i, Fer30j, Fer30l, Fer30m, Fer31d, Fer36d]. **Sulla** [Fer21a, Fer22e, FP23, Fer23m, Fer23n, Fer25f, Fer26f, Fer28f, Fer28g, Fer28h, Fer29i, Fer30n, FU33b, FS33a, FRD34, CS99, Fer24b, FR33b, FR33c, FAP$^+$34, FPR34a, FPR34b]. **Sull'assorbimento** [AF35a, AF35b, AF36d]. **Sulle** [AF36e, Fer32e, Fer32f]. **Sull'Elettrostatica** [Fer21b]. **Sull'equilibrio** [Fer24e]. **Sull'origine** [Bel97]. **Summary** [F$^+$43a, F$^+$43b, F$^+$43g, F$^+$43c, F$^+$43d, F$^+$43e, F$^+$43f, F$^+$44c, F$^+$44d, F$^+$44e, F$^+$44f, F$^+$44g, F$^+$44a, F$^+$44b, For01, Sel53]. **Summation** [GM85a, GM85b]. **Summer** [Gol82a]. **Sun** [Rho95, HHW99]. **Super** [FR49]. **Superbomb** [GB89]. **Supercomets** [Gri11]. **Superconducting** [FK08]. **superconductor** [MZF$^+$12]. **Superconductors** [CK08]. **Superheavy** [Kra18]. **superiore** [Ano01b]. **Superiori** [FP38]. **Supplement** [GM85b]. **Supply** [Rub03]. **Surface** [Ano60, Fal73, FK08, Har61, KHB12, WWL$^+$09, Ano09c, CW73, Hoc83, Mot81, Zim62a, Zim62b, Zim62c, Zim62d, Zim62e, Mag61]. **Surfaces** [Ano09a, Hal69, Ano94c, Dug61, Pin74]. **survey** [GHH02]. **Sustainability** [HMB09]. **sustained** [And73a, Ano11]. **Sustaining** [FL57]. **sviluppo** [Cum02]. **svolta** [PS07]. **Swados** [Sol68]. **Swedish** [CSW97b]. **Swing** [Swi45]. **Sword** [Sei90]. **Sylves** [Sei90]. **Symmetric** [Fer51h]. **Symmetrical**

[Maj37]. **Symmetries** [GHMP87, Wig67]. **Symmetry** [BY90]. **Symposium** [Bet55, KGSO55, Meh73, Stu79, Sch00, BDH89]. **System** [Fer28a, Fer28h, FL57, FL58, Fer21a, Fer23b, Fer23d, Fer23e, Fer23g, Fer28f, Fer28b, OVPL15]. **Systeme** [Fer24f]. **Systems** [Bro68, DF06, Fer28b, PG86, FV02, Fer23h, Fer24b, Fer24f]. **Szilard** [Lan01, And74b, And74a, Ano55b, Bye02, Fra05, LS92, Lan92, Lan01].

T [Ano93a, Sei90, Dir03]. **Table** [Fer42x, Kea10]. **tables** [Hol02]. **tagliyotehe** [Seg86a]. **Take** [Ano06]. **taken** [CSW97a]. **Takes** [G.64]. **Taking** [FR48]. **Tale** [CSW97b, CSW96]. **tales** [Kea10]. **talk** [Ano12b]. **talking** [Yor87]. **talks** [Bru11]. **tallio** [FR27b]. **Tanner** [Sol68]. **Tape** [CDFS53a, CDFS53b, CDFS54, Fer52c]. **task** [Orl98]. **tasks** [SSSS95]. **Taylor** [Fer51d, Fer51g, FvN51, FvN55]. **teach** [Rob08]. **Teacher** [Bas01, Ste01]. **teachers** [Shi91]. **Teaching** [DE06b, DE07, DE06a, DE15, SA79]. **Technical** [Ano01b, Fer38a]. **technically** [Flü39]. **technisch** [Flü39]. **technologies** [Cum02]. **Technology** [Peo04, Sei90, LW71]. **Tecnici** [Fer38a]. **tecnico** [Ano01b]. **tecnologie** [Cum02]. **Teeming** [Tar03, Web15, Web02]. **Teil** [Som28a, Som28b]. **Teilchen** [Fis10a, Fis12a, Fer24g]. **Telegamma** [Rob95]. **Telescope** [Cow09]. **Tell** [Ano39a, Wei94]. **Teller** [Ano62, Fir05, Sei90, Wig62]. **Tells** [Ano34b]. **temperatura** [Fer22e]. **Temperature** [CK08, CFW42, Fer42g, Fer42y, Fer22e, F^+42g, F^+43h]. **Temperatures** [Dug61]. **tense** [Lan12]. **Tentativo** [Cab03, Fer33b, Fer34n]. **Tenth** [Fer52g]. **tenu** [CCJ$^+$34]. **teorema** [Fer22h, Fer23g]. **Teoremi** [Mir34, Fer23a]. **Teoria** [Fer25a, Fer34n, Maj37, Fer22a, Fer22g, Fer22e, Fer23a, Fer23c, Fer23i, Fer23j, Fer23n, Fer25e, Fer25b, Fer25f, Fer28f, Fer28h, Fer29a, Fer29d, Fer29i, Fer30n, FS33a, Fer33b, Fer47a, Kop23, Maj28]. **teorica** [DE06a, DS07, DE15, Fer27a]. **teorico** [CS99, Sal01]. **teorie** [Fer29c]. **Teoriya** [Dir03]. **Terme** [Fer28e, Fer28e]. **termica** [Fer22g]. **termico** [Fer24e]. **termini** [Fer28g]. **Termodinamica** [Fer58a, Fer72, Fer82b]. **Termodinamika** [Fer98]. **Terms** [Fer28g, Fer29g, Fer30k]. **terrestre** [FR33b, FR33c]. **terzo** [GER$^+$92]. **Test** [Fer57a, Fer58b, Ken54]. **testimonials** [dL74]. **testimonianze** [dL74]. **Testimony** [Ano49]. **Testing** [FA56, FA61, Sei90, Sei90]. **Tests** [FZ43]. **Texts** [Bro68]. **Thales** [Bad67, Ama66]. **Thallium** [FR27b, FR27a]. **Thalliumdampfes** [FR27a]. **Their** [Buc80, Fer27c, HHW99, AM23, And99, Dra76, Dug61, FPLR59, Seg80, Seg84, Seg87a, Seg07]. **them** [Ols63]. **theorem** [Fer22h, Fer23g, D'A05]. **theorems** [Fer23a, Mir34]. **Theoretical** [DE06b, Fer42n, Fer42o, Meh73, Cor98, CS99, CSW97b, DE06a, DS07, DE07, DE15, EAW15, Fer27a, Sal01]. **Theorie** [Fer22f, Fer24g, Fer28b, FS33b, Fer34o, Fer31a]. **Theories** [BR94, Fer22f, Fer29c, Lie81, Lie82, dL64, dL65]. **Theory** [Bad67, Bha39, BGJR24, BM35, BR94, Dir03, DuM28, Fer23j, Fer25a, Fer25e, Fer25b, Fer28h, Fer29i, Fer32d, Fer33c, FS34a, FS34b, Fer47b, FMT49b, FG92, Fra86, Gam85, Gou32, GR09, Kon55, Kot54, LS77, LM83, Mon66,

PG86, Sol03, Ste71, SZ62, SM67, Tam34, Wil68, Yan13b, Ama66, BRV84, Bul81, CA36, Dir26, Fal28, Fer22a, Fer22g, Fer22e, Fer23a, Fer23c, Fer23n, Fer24g, Fer25f, Fer28f, Fer28b, Fer29a, Fer29d, Fer30n, Fer31a, FS33a, FS33b, Fer33b, Fer34n, Fer34o, Fer46e, Fer47a, Fer01, FMT49a, Fra90b, GR86, GR89, Hoc83, Kop23, KaKKZL05, Lou83, Maj28, Maj37, Mar83, SW72, SHL$^+$18, SS11, Som27, Som28a, Som28b, Spr91, Whe93, Tau63, Bro68]. **There** [AK16, Fre85, Lem98, DS92, Fra04, Kow15, Ols63, Rob08]. **Thermal** [AF42a, AF4x, BFMM44, FW41, Fer42a, Fer42f, Fer42p, FZ44, FM47d, FMM47, BJ41, Fer22g, Fer24e, F$^+$42g]. **thermalization** [OVPL15]. **Therman** [FA61]. **thermischer** [BJ41]. **Thermo** [Som28b, Som28b]. **Thermo-electric** [Som28b]. **Thermo-elektrische** [Som28b]. **thermo-magnetic** [Som28b]. **thermo-magnetische** [Som28b]. **Thermodynamic** [De 05b, Kot54, De 06b]. **Thermodynamics** [Fer37a, Fer56, Fer66b, Fer10, KS42, BM20, Fer58a, Fer72, Fer82b, Fer98, Gri04]. **Thermonuclear** [Fit99, Fit13, Gon96a, Gon96b, FS50]. **Things** [Sol68]. **Thinking** [Win86]. **Third** [Ano58]. **thirteen** [Bey49]. **Thirties** [Hei03, Hug03, Pin03, Sol68, Dra76, Ama02b, Sol68, Stu93]. **Thirty** [Arb00, Arb03, Gam85]. **Thirty-Six** [Arb03]. **Thomas** [Bar05, Som32a, Som33, ABF14, BY90, BP68, Bro61, EFGP99, Esp02, Esp05, FMT49a, FMT49b, GR86, GR89, GG51, GR05, GR08, GP31, Hil69, LS77, Lie81, Lie82, MP56, Mar75, Mar83, Mar00, MŚ94, PG86, Rij66, Som32a, Som32b, Som33, Spr91, SZ62, SM67, Str98, ZZWK12]. **Thomas-Fermischen** [Som32a]. **Thorium** [HS39a, HS89, Mei39, MF39b]. **Thousand** [Ano34b]. **Three** [And73a]. **Thus** [Ano39a]. **Time** [And74b, And74a, Ano16, Bye03, Fer42r, Fer66c, Mac86, Mac87, Rog10, Seg79, Wat74, vHEGM12, Bax46, Bax68, KGSO55, Wil75, Sei90]. **Times** [Gar18, Kra78, Sch17, Ama66, Lan18, Dea13]. **Titanic** [Jon10]. **title** [Fer52g]. **titled** [Mon66]. **Titus** [Sei90]. **Today** [Ano98]. **Tokyo** [Bar05]. **told** [Gro62, Gro83]. **too** [Boc15]. **Topological** [FK08]. **Torino** [Tur08]. **Total** [AFNY52b, AFL$^+$52, AFLN52]. **Tough** [Sol68]. **tra** [Fer22a, Fer23c, Fer25g, Fer25f, Fer25d, Mai91]. **Trackdown** [Ols63]. **trad** [Dra72a]. **trading** [Tur06b]. **traduction** [Mon66]. **tragedies** [RK95]. **trail** [CS00d]. **Trainer** [Bas01]. **Traité** [Chw13]. **Trajectories** [Fer51h]. **transfer** [JB83]. **transform** [KGSO55]. **Transformation** [KGSO55]. **Translated** [Bro68]. **translation** [Dra72a]. **translational** [Fer21a]. **translations** [PHK25]. **Transmission** [FSS47]. **Transmutation** [Mon66]. **Transplantation** [Smi68]. **transport** [CIR04]. **Transuranic** [Kra18]. **Transuranium** [McM51, Sim00]. **Trapped** [DJ99]. **trascinamento** [Fer23l]. **trascorso** [Sal01]. **Traslatorio** [Fer21a]. **trattato** [Ber01]. **Travel** [Sch94]. **Traveling** [Dro20]. **Travelling** [Rod19]. **treatise** [Ber01, Chw13]. **Trends** [FPLR59, Met74]. **trenta** [Ama02b, Dra76]. **Triatomic** [Fer25g]. **triatomiche** [Fer25g]. **tribute** [Kub09, MF37]. **Tributes** [MF37]. **Trieste** [Meh73]. **Trinity** [Sei90, And74a, Kat21, Lam65, Lam85, Lew21]. **trip** [SHM19, WD06]. **trolley** [Fer46g]. **troubled** [Mag09]. **Trudov** [Dir03].

trudy [Fer71a, GS74]. **true** [Kea10]. **Truman** [Lef95]. **truth** [Cra07]. **tsepnimi** [Fer47a]. **Tsung** [Ano64]. **Tsung-Dao** [Ano64]. **Tübingen** [Pau30]. **Tuned** [AYS95, Bai17b, LBS17]. **tuning** [Bai17b]. **Turchetti** [Cal13, Lau13a, Mal08]. **Turns** [Ano97, BB15b, BB15d, BB15a, BB15c, KS99]. **twelve** [Wil75]. **Twenties** [PS07]. **Twentieth** [Bar05, Dar04, Kra99, Ste77, Wei77, Buc73b]. **Twentieth-Century** [Bar05, Dar04]. **twenty** [LW71]. **twenty-five** [LW71]. **Two** [BP58, BP97, FvN51, Lau51, BF32, CS00c, Hol02, Mai91]. **Two-Stage** [BP97, BP58]. **Type** [BY90, MF39a, Ser12, Mar00].

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[AF38] Edoardo Amaldi and Enrico Fermi. *Fisica per i Licei Scientifici. (Italian) [Physics for Scientific Schools]*. N. Zanichelli, Bologna, Italy, 1938. ???? pp. LCCN ????

Anderson:1939:SCN

[AF39] Herbert L. Anderson and Enrico Fermi. Simple capture of neutrons by uranium. *Physical Review*, 55(11):1106–1107, June 1, 1939. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v55/i11/p1106_2`.

Anderson:1940:PAS

[AF40] Herbert L. Anderson and Enrico Fermi. Production and absorption of slow neutrons by carbon. Report A-21, US Atomic Energy Commission, Washington, DC, USA, September 25, 1940.

Anderson:1941:PNU

[AF41a] Herbert L. Anderson and Enrico Fermi. Production of neutrons by uranium. Report A-6 (CPA-6), US Atomic Energy Commission, Washington, DC, USA, January 17, 1941.

Anderson:1941:SSN

[AF41b] Herbert L. Anderson and Enrico Fermi. Standards in slow neutron measurements. Report A-2, US Atomic Energy Commission, Washington, DC, USA, June 5, 1941.

Anderson:1942:ACSb

[AF42a] Herbert L. Anderson and Enrico Fermi. Absorption cross-section of boron for thermal neutrons. Report C-74, US Atomic Energy Commission, Washington, DC, USA, 1942. Undated: year chosen according to report number.

Anderson:1942:FCS

[AF42b] Herbert L. Anderson and Enrico Fermi. Fission cross-section of unseparated uranium for fast radon plus beryllium neutrons. Report C-83, US Atomic Energy Commission, Washington, DC, USA, 1942. Experiment in November, 1941. Undated: year chosen according to report number.

Anderson:1944:BAF

[AF44a] Herbert L. Anderson and Enrico Fermi. Boron absorption of fission activation. Report CP-2161, US Atomic Energy Commission, Washington, DC, USA, 1944. 3 pp. In: Fermi, E., et al. Argonne Laboratory. Report for month ending September 23, 1944.

Anderson:1944:DPW

[AF44b] Herbert L. Anderson and Enrico Fermi. Dissociation pressure of water due to fission. Report CP-1729, US Atomic Energy Commission, Washington, DC, USA, May 1944. 1 pp. In: Fermi, E., et al. Nuclear Physics Division. Part I of report for month ending May 25, 1944.

Anderson:194x:ACS

[AF4x] Herbert L. Anderson and Enrico Fermi. The absorption cross section of boron for thermal neutrons. Report CP-74, US Atomic Energy Commission, Washington, DC, USA, 194x.

Anderson:1952:SCP

[AF52] Herbert L. Anderson and Enrico Fermi. Scattering and capture of pions by hydrogen. *Physical Review*, 86(5):794, June 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v86/i5/p794_1`.

Anderson:1942:NRL

[AFF+42a] Herbert L. Anderson, B. T. Feld, Enrico Fermi, George Weil, and Walter H. Zinn. Neutron reproduction in a lattice of uranium oxide and graphite. Report C-20, US Atomic Energy Commission, Washington, DC, USA, March 26, 1942.

Anderson:1942:NPL

[AFF+42b] Herbert L. Anderson, B. T. Feld, Enrico Fermi, George L. Weil, and Walter H. Zinn. Neutron production in a lattice of uranium oxide and graphite (exponential experiment). Report CP-20, US

Atomic Energy Commission, Washington, DC, USA, March 26, 1942.

Anderson:1941:BRF

[AFG41] Herbert L. Anderson, Enrico Fermi, and A. V. Grosse. Branching ratios in the fission of uranium (235). *Physical Review*, 59(1):52–56, January 1, 1941. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v59/i1/p52_1`.

Anderson:1939:PNU

[AFH39] Herbert L. Anderson, Enrico Fermi, and H. B. Hanstein. Production of neutrons in uranium bombarded by neutrons. *Physical Review*, 55(8):797–798, April 15, 1939. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v55/i8/p797_2`.

Anderson:1952:TCSa

[AFL+52] Herbert L. Anderson, Enrico Fermi, E. A. Long, R. Martin, and Darragh E. Nagle. Total cross section of negative pions in hydrogen. *Physical Review*, 85(5):934–935, March 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v85/i5/p934_2`.

Anderson:1952:TCSb

[AFLN52] Herbert L. Anderson, Enrico Fermi, E. A. Long, and Darragh E. Nagle. Total cross sections of positive pions in hydrogen. *Physical Review*, 85(5):936, March 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://inspirehep.net/record/28195; http://prola.aps.org/abstract/PR/v85/i5/p936_1`.

Anderson:1946:PLE

[AFM46] Herbert L. Anderson, Enrico Fermi, and Leona Marshall. Production of low energy neutrons by filtering through graphite. *Physical Review*, 70(11–12):815–817, December 1, 1946. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v70/i11-12/p815_1`.

Amelio:1988:RPI

[AFM88] Gianni Amelio, Ennio Fantastichini, and Laura Morante. I ragazzi di Via Panisperna. (Italian) [The boys of Via Panisperna]. 125 minute film from San Paolo audiovisivi, Italy., 1988. Screenplay by

Gianni Amelio and Alessandro Sermoneta, photography Tonino Nardi, directed by Gianni Amelio, Andrea Prodan, and Ennio Fantastichini. Starring Virna Lisi, Andrea Prodan, and Alberto Gimignani.

Anderson:1953:ADP

[AFMN53] Herbert L. Anderson, Enrico Fermi, R. Martin, and Darragh E. Nagle. Angular distribution of pions scattered by hydrogen. *Physical Review*, 91(1):155–168, July 1, 1953. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v91/i1/p155_1`.

Anderson:1942:SAP

[AFMW42] Herbert L. Anderson, Enrico Fermi, John Marshall, and Leona Woods. Standardization of the Argonne Pile. Report, US Atomic Energy Commission, Washington, DC, USA, 1942. Excerpt from Report CP-641 for month Ending May 10, 1943.

Anderson:1944:RFN

[AFN44] Herbert L. Anderson, Enrico Fermi, and Darragh E. Nagle. Range of fission neutrons in water. Report CP-1531, US Atomic Energy Commission, Washington, DC, USA, 1944. Excerpt from Metallurgical Laboratory Report CP-1531 for month ending March 25, 1944.

Anderson:1952:ADP

[AFNY52a] Herbert L. Anderson, Enrico Fermi, Darragh E. Nagle, and Gaurang B. Yodh. Angular distribution of pions scattered by hydrogen. *Physical Review*, 86(5):793, June 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v86/i5/p793_2`.

Anderson:1952:DTC

[AFNY52b] Herbert L. Anderson, Enrico Fermi, Darragh E. Nagle, and Gaurang B. Yodh. Deuterium total cross sections for positive and negative pions. *Physical Review*, 86(3):413, May 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://inspirehep.net/record/47341`; `http://prola.aps.org/abstract/PR/v86/i3/p413_1`.

Amaldi:1937:GAN

[AFR37] Edoardo Amaldi, Enrico Fermi, and Franco Rasetti. Un generatore artificiale di neutroni. (Italian) [An artificial generator of

neutrons]. *La Ricerca Scientifica*, 8(2):40–43, ???? 1937. CODEN RISCAZ. ISSN 0035-5011.

Amaldi:1934:NRP

[AFRS34] Edoardo Amaldi, Enrico Fermi, Franco Rasetti, and Emilio Segrè. Nuovi radioelementi prodotti con bombardamento di neutroni. (Italian) [New radioelements produced with neutron bombardment]. *Il Nuovo Cimento (8)*, 11(7):442–447, ???? 1934. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/g14637jq4r7r54g8/`.

Anderson:1942:NNE

[AFRW42] Herbert L. Anderson, Enrico Fermi, J. H. Roberts, and M. D. Whitaker. The number of neutrons emitted by a Ra + Be source (source I). Report C-21 (MDDC-880), US Atomic Energy Commission, Washington, DC, USA, March 21, 1942.

Anderson:1939:NPA

[AFS39] Herbert L. Anderson, Enrico Fermi, and Leo Szilard. Neutron production and absorption in uranium. *Physical Review*, 56(3):284–286, August 1, 1939. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://adsabs.harvard.edu/abs/1939PhRv...56..284A`; `http://prola.aps.org/abstract/PR/v56/i3/p284_1`.

Anderson:1942:ACSa

[AFW42] Herbert L. Anderson, Enrico Fermi, and George L. Weil. Absorption cross-sections for Rn plus Be fast neutrons. Report C-72, US Atomic Energy Commission, Washington, DC, USA, 1942. Undated: year chosen according to report number.

Anderson:1947:MMN

[AFW+47] Herbert L. Anderson, Enrico Fermi, A. Wattenberg, George L. Weil, and Walter H. Zinn. Method for measuring neutron-absorption cross sections by the effect on the reactivity of a chain-reacting pile. *Physical Review*, 72(1):16–23, July 1, 1947. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v72/i1/p16_1`.

Anderson:1957:MMN

[AFW+57] Herbert L. Anderson, Enrico Fermi, Albedo Wattenberg, George L. Weil, and Walter H. Zinn. Method for measuring

neutron-absorption cross sections by the effect on the reactivity of a chain-reacting pile. *Physical Review*, 72(1):16–23, July 1957. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v72/i1/p16_1`.

Albarracin:2014:DPS

[AG14] Lluís Albarracín and Núria Gorgorió. Devising a plan to solve Fermi problems involving large numbers. *Educational Studies in Mathematics*, 86(1):79–96, May 2014. CODEN EDSMAN. ISSN 0013-1954 (print), 1573-0816 (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s10649-013-9528-9`.

Agnew:1982:EI

[Agn82] Harold M. Agnew. Early impressions. *Bulletin of the Atomic Scientists*, 38(10):20–21, December 1982. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See erratum [Ano83] that corrects the photo caption: it shows the first nuclear pile after reassembly at Argonne National Laboratory, *not* the original pile at Stagg Field.

Agnew:2003:DFL

[Agn03] Harold Agnew. Documents on Fermi's life. In Anonymous [Ano03], pages 289–294. ISBN 88-8286-032-9. LCCN ???? URL `http:old.enea.it/produzione_scientifica/pdf../V2003_AttiFermi.pdf`.

Agnew:2004:FCA

[Agn04] Harold Agnew. Fermi at Columbia, Los Alamos, and Chicago. In Orear [Ore04], chapter 21, pages 101–106. ISBN ???? LCCN ???? URL `http://dspace.library.cornell.edu/handle/1813/62; http://hdl.handle.net/1813/74`.

Acocella:2004:EFD

[AGR04] Giovanni Acocella, Francesco Guerra, and Nadia Robotti. Enrico Fermi's discovery of neutron-induced artificial radioactivity: The recovery of his first laboratory notebook. *Physics in Perspective (PIP)*, 6(1):29–41, April 2004. CODEN PHPEF2. ISSN 1422-6944 (print), 1422-6960 (electronic). URL `http://www.springerlink.com/content/5qgmvqy95d3t33ma/`.

Al-Khalili:2016:ASA

[AK16] Jim Al-Khalili, editor. *Aliens: Science Asks: Is There Anyone Out There?* Profile Books, London, UK, 2016. ISBN 1-78125-681-0 (paperback), 1-78283-271-8 (e-book). 148 pp. LCCN QB54 .A45 2016.

Al-Khalili:2017:AWL

[AK17] Jim Al-Khalili, editor. *Aliens: the world's leading scientists on the search for extraterrestrial life*. Picador, New York, NY, USA, 2017. ISBN 1-250-10963-9 (hardcover), 1-250-10965-5. 232 pp. LCCN QB54 .A395 2017.

Allison:1957:EF

[All57] Samuel K. Allison. Enrico Fermi 1901–1954. *Biographical memoirs — National Academy of Sciences of the United States of America*, 30(6):123–155, ???? 1957. CODEN BMNSAC. ISSN 0077-2933. URL `http://books.nap.edu/html/biomems/efermi.pdf; http://lccn.loc.gov/57002459`.

Allison:1962:BRC

[All62a] Samuel K. Allison. Book review: *The Collected Papers of Enrico Fermi. vol. 1. Italy, 1921–1938* by Enrico Fermi and Emilo Segrè. *American Scientist*, 50(4):424A–424A, ???? 1962. CODEN AMSCAC. ISSN 0003-0996 (print), 1545-2786 (electronic). URL `http://www.jstor.org/stable/27838557`. See [Fer62a].

Allison:1962:ICR

[All62b] Samuel K. Allison. Initiation of the chain reaction: The search for pure materials. *International Atomic Energy Agency Bulletin*, 4(0):12–14, ???? 1962. CODEN IAEBAB. ISSN 0020-6067 (print), 1564-2690 (electronic). URL `http://en.wikipedia.org/wiki/Atlas_Uranium_Mill; http://en.wikipedia.org/wiki/Moab,_Utah; http://en.wikipedia.org/wiki/Moab_Tailings; http://www.iaea.org/Publications/Magazines/Bulletin/Bull040su/04004701214su.pdf`.

Allibone:1963:IEF

[All63] T. E. Allibone. Inspirations of Enrico Fermi. *Nature*, 200(4910):961–962, December 7, 1963. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v200/n4910/pdf/200961a0.pdf`.

Alpher:2023:GGR

[AM23] Victor S. Alpher and Simon A. Mitton. George Gamow and Ralph Alpher: a review of their cosmological collaboration as mentor and protégé 1942–1955. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00057-0`.

Amaldi:1956:GPO

[Ama56] Edoardo Amaldi. George Placzek [obituary]. *La Ricerca Scientifica*, 26(??):2038–??, ???? 1956. CODEN RISCAZ. ISSN 0035-5011. Placzek had worked closely with Fermi's group in Rome, especially on experiments on the Raman effect; see [Seg70b, page 60].

Amaldi:1959:FMF

[Ama59] Edoardo Amaldi. The Fermi manuscripts at the ≪Domus Galiaeana≫. *Physis: Rivista Internazionale di Storia della Scienza*, 1(2):69–72, 1959. CODEN PYSSA3. ISSN 0031-9414 (print), 2038-6265 (electronic).

Amaldi:1961:MAI

[Ama61] Ginestra (Giovene) Amaldi. *Materia e antimateria. (Italian) [Matter and antimatter]*. A. Mondadori, Milano, Italy, 1961. 439 pp. LCCN ????

Amaldi:1966:NMP

[Ama66] Ginestra (Giovene) Amaldi. *The nature of matter: physical theory from Thales to modern times*. Allen and Unwin, London, UK, 1966. 332 pp. LCCN QC173 .A413.

Amaldi:1973:BRE

[Ama73] Edoardo Amaldi. Book review: *Enrico Fermi, Physicist*, by Emilio Segré. *Physics Today*, 26(6):58–60, July 1973. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL `http://www.physicstoday.org/resource/1/phtoad/v26/i6/p58_s1`.

Amaldi:1979:YR

[Ama79] Edoardo Amaldi. The years of reconstruction. In Schaerf and Amaldi [SA79], pages 379–461. ISBN 3-7186-0007-2. LCCN QC770 .C748 1979.

Amaldi:1984:DND

[Ama84] Edoardo Amaldi. From the discovery of the neutron to the discovery of nuclear fission. *Physics Reports*, 111(1–4):1–331, September 1984. CODEN PRPLCM. ISSN 0370-1573 (print), 1873-6270 (electronic). URL `http://www.sciencedirect.com/science/article/pii/037015738490214X`.

Amaldi:1987:FDS

[Ama87] E. Amaldi. The Fermi–Dirac statistics and the statistics of nuclei. In García Doncel et al. [GHMP87], pages 253–277. ISBN 84-7488-148-X. LCCN QC174.17.S9 I57 1983.

Amaldi:2002:CDS

[Ama02a] Edoardo Amaldi. Commemorazione del socio Enrico Fermi. (Italian) [Commemoration of the associate Enrico Fermi]. In *Conoscere Fermi nel centenario della nascita: 29 settembre 1901–2001. (Italian) [Learn about Fermi in the centenary of his birth: 29 September 1901–2001]* [Ber02a], pages 23–36. ISBN 88-7438-000-3. LCCN QC774.F4. 10.33 EUR. URL `http://prometeo.sif.it:8080/libri/fermi/17.pdf`. English translation in [BB04b].

Amaldi:2002:FND

[Ama02b] Ugo Amaldi. La fisica dei nuclei dagli anni trenta ai giorni nostri. (Italian) [The physics of nuclei from the Thirties to the present day]. In *Conoscere Fermi nel centenario della nascita: 29 settembre 1901–2001. (Italian) [Learn about Fermi in the centenary of his birth: 29 September 1901–2001]* [Ber02a], pages 152–177. ISBN 88-7438-000-3. LCCN QC774.F4. 10.33 EUR. URL `http://prometeo.sif.it:8080/libri/fermi/10.pdf`. English translation in [BB04b].

Amaldi:2003:SNP

[Ama03] Ugo Amaldi. Slow neutrons at Via Panisperna: the discovery, the production of isotopes and the birth of nuclear medicine. In Anonymous [Ano03], pages 145–168. ISBN 88-8286-032-9. LCCN ???? URL `http:old.enea.it/produzione_scientifica/pdf../V2003_AttiFermi.pdf`.

Amati:2019:MEF

[AMS19] Graziano Amati, Hugues Meyer, and Tanja Schilling. Memory effects in the Fermi–Pasta–Ulam model. *Journal of Statistical*

Physics, 174(1):219–257, January 2019. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).

Anderson:1933:PE

[And33] Carl D. Anderson. The positive electron. *Physical Review*, 43(6): 491–494, March 15, 1933. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v43/i6/p491_1`. This paper reports the discovery of the positron, for which Anderson received the 1936 Nobel Prize in Physics.

Anderson:1955:MEE

[And55] Herbert L. Anderson. Meson experiments with Enrico Fermi. *Reviews of Modern Physics*, 27(3):269–272, July 1955. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL `http://link.aps.org/doi/10.1103/RevModPhys.27.269; http://rmp.aps.org/abstract/RMP/v27/i3/p269_1`.

Anderson:1973:TQA

[And73a] Herbert Anderson. Three questions about the sustained nuclear chain reaction. *The University of Chicago Magazine*, 65(5):3–7, March/April 1973. ISSN 0041-9508. URL `http://library.ucsd.edu/dc/object/bb3960604v`.

Anderson:1973:EDC

[And73b] Herbert L. Anderson. Early days of the chain reaction. *Bulletin of the Atomic Scientists*, 29(4):8–12, April 1973. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Anderson:1974:AOTb

[And74a] Herbert L. Anderson. "All in our time": Fermi, Szilard, and Trinity. *Bulletin of the Atomic Scientists*, 30(8):40–47, October 1974. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See also part 1 [And74b].

Anderson:1974:AOTa

[And74b] Herbert L. Anderson. "All in our time": The legacy of Fermi and Szilard. *Bulletin of the Atomic Scientists*, 30(7):56–62, September 1974. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). Continued in [And74a].

Andrews:1999:QFB

[And99] Michael R. Andrews. Quantum fluids: Bose gases and their Fermi cousins. *Nature*, 398(6724):195–198, March 18, 1999. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v398/n6724/full/398195a0.html`.

Anonymous:1920:PBA

[Ano20] Anonymous. Physics at the British Association. *Nature*, 106 (2663):357–358, November 11, 1920. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v106/n2663/pdf/106357a0.pdf`. From this meeting report: "The results thus show that the elements may be considered as being composed of these hydrogen nuclei, or 'protons' as Sir Ernest Rutherford would have us call them, ..." It is believed that this is the first published mention of the word proton.

Anonymous:1934:DAE

[Ano34a] Anonymous. Dozen artificial elements. *New York Times*, ??(??): 25, June 5, 1934. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `https://search.proquest.com/hnpnewyorktimes/docview/101252432/`.

Anonymous:1934:FMS

[Ano34b] Anonymous. Fermi measures speed of neutron: Says it pierces atom nucleus in a thousand million million millionths of a second. New helium produced. Oliphant tells the Cambridge session of variety with atomic weight of 6. *New York Times*, ??(??):25, October 5, 1934. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `https://search.proquest.com/hnpnewyorktimes/docview/101010661/`.

Anonymous:1934:IPE

[Ano34c] Anonymous. Italian produces 93d element by bombarding uranium: Professor Enrico Fermi, academician, uses neutrons formed by decomposition of berylium under the action of alpha particles of radium. *New York Times*, ??(??):??, June 5, 1934. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `https://search.proquest.com/hnpnewyorktimes/docview/101250532/`.

Anonymous:1934:NEF

[Ano34d] Anonymous. New element found, has atomic count 93: Famous pitchblende deposits yield substance with higher number than uranium. (German) []. *New York Times*, ??(??):19, July 13, 1934. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `https://search.proquest.com/hnpnewyorktimes/docview/101123324/`.

Anonymous:1934:NHE

[Ano34e] Anonymous. New heavy element created [element 93: neptunium]. *The Times*, ??(??):??, June 4, 1934.

Anonymous:1934:SE

[Ano34f] Anonymous. Science: 93rd element? *Time*, ??(??):??, June 18, 1934. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL `http://www.time.com/time/magazine/article/0,9171,747508,00.html`. News story on the possible discovery of the first transuranic element, later known as neptunium (atomic symbol Np).

Anonymous:1938:PEF

[Ano38a] Anonymous. Prof. Enrico Fermi. *Nature*, 142(3603):906–907, November 19, 1938. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v142/n3603/pdf/142906c0.pdf`.

Anonymous:1938:SNM

[Ano38b] Anonymous. Science: Neutron man. *Time*, ??(??):??, November 21, 1938. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL `http://www.time.com/time/magazine/article/0,9171,760318,00.html`. News of the award of the 1938 Nobel Prize for Physics to Enrico Fermi.

Anonymous:1939:EFU

[Ano39a] Anonymous. 6 elements found in uranium atom: Physicists bare discovery of greatest amount of energy liberated thus far: Report widely hailed: Professors Bohr and Fermi, at Columbia meeting, tell of atomic 'cannon ball'. *New York Times*, ??(??): 17, February 25, 1939. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/102952660/`.

Anonymous:1939:AEF

[Ano39b] Anonymous. Atom explosion frees 200,000,000 volts; new physics phenomenon credited to Hahn. *New York Times*, ?? (??):2, January 29, 1939. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/102763891`. From the article: "American scientists heard today of a new phenomenon in physics — explosion of atoms with a discharge of 200,000,000 volts of energy. ... Dr. Enrico Fermi of the University of Rome told yesterday that this had been accomplished by Dr. G. [sic] Hahn of Berlin. ... Scientists at the meeting said the discovery was comparable in significance to the original discovery of radioactivity thirty years ago.".

Anonymous:1939:AER

[Ano39c] Anonymous. Atomic energy released. *The Science News-Letter*, 35(6):??, February 11, 1939. CODEN SNLEAI. ISSN 0096-4018 (print), 2326-1285 (electronic). URL `http://www.sciencenews.org/view/feature/id/199036/title/Atomic_Energy_Released`. According to [BHT86, page 212, column 1], this news story "appears to be the first connection between fission and the possibility of explosives made in print." Flügge's scientific article on that topic in Naturwissenschaften [Flü39] did appear until June 1939.

Anonymous:1939:VEF

[Ano39d] Anonymous. Vast energy freed by uranium atom: Split, it produces 2 'cannonballs', each of 100,000,000 electron volts: Hailed as epoch making; new process, announced at Columbia, uses only 1–30 volt to liberate big force. *New York Times*, ??(??): 18, January 31, 1939. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/102759255/`.

Anonymous:1941:MMU

[Ano41a] Anonymous. Minutes of the meeting of the Uranium Advisory Committee of the National Academy on Atomic Fission at Schenectady on October 21, 1941. Report, US National Academy of Sciences, Washington, DC, USA, 1941.

Anonymous:1941:RNA

[Ano41b] Anonymous. Report of the National Academy of Sciences Committee on Atomic Fission. Report, US National Academy of Sciences, Washington, DC, USA, July 11, 1941.

Anomalous:1946:ZWF

[Ano46a] Anomalous. Zip out: World's first uranium pile. *Time*, 48(??): 67–??, December 9, 1946. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic).

Anonymous:1946:SZ

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[Ano47] Anonymous. Enrico Fermi, head-and-shoulders portrait, facing front, 1947. URL `http://hdl.loc.gov/loc.pnp/cph.3c22125`.

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[Ano49] Anonymous. The great inquiry: Testimony at AEC hearings. *Bulletin of the Atomic Scientists*, 5(8–9):221–250, 254, August/September 1949. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). This report is a condensation of the 2000-page transcript.

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[Ano50b] Anonymous. Nobelist Fermi awarded patent on atomic device. *The Science News-Letter*, 58(20):311, November 11, 1950. CODEN SNLEAI. ISSN 0096-4018 (print), 2326-1285 (electronic). URL `http://www.jstor.org/stable/3927761`.

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[Ano51] Anonymous. Enrico Fermi seated at control panel of a particle accelerator, the "world's most powerful atom smasher", 1951. URL `http://hdl.loc.gov/loc.pnp/cph.3c20917`.

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[Ano52] Anonymous. Science: First decade. *Time*, ??(??):??, December 15, 1952. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL `http://www.time.com/time/magazine/article/0,9171,820510,00.html`. Commentary on the 10th anniversary of the first successful controlled nuclear reaction in Chicago under the direction of Enrico Fermi on 2 December 1942.

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[Ano53a] Anonymous. Atomic patent payoff: Italian scientists who derived isotopes are compensated. *New York Times*, ??(??):E7, August 9, 1953. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `https://search.proquest.com/hnpnewyorktimes/docview/112618167/`.

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[Ano55a] Anonymous. Fermi Prize. *Bulletin of the Atomic Scientists*, 11 (2):70, February 1955. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). The announcement begins: "The first AEC award of $25,000 for especially meritorious contribution to the development of atomic energy, provided for in the Atomic Energy Act of 1954, was given to Enrico Fermi, November 16, 1954, twelve days before his death." It end with "Subsequent awards will be known as the "Fermi Prize".

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[Ano55b] Anonymous. Patent is issued on first reactor; Fermi–Szilard invention gets recognition — A. E. C. holds ownership. *New York Times*, page 19, May 19, 1955. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/113334584/`. See entry [FS55] for the patent.

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[Ano55c] Anonymous. Pioneer atom inventions receive patents. *The Science News-Letter*, 68(9):134, August 27, 1955. CODEN SNLEAI. ISSN 0096-4018 (print), 2326-1285 (electronic). URL `http://www.jstor.org/stable/3935856`. Discusses US patents 2,714,577 and 2,714,668, applied for in 1945, but not awarded for a decade, and after Fermi's death.

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[Ano56b] Anonymous. Science: The real neutrino. *Time*, ??(??):??, July 2, 1956. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL `http://www.time.com/time/magazine/article/0,9171,891295,00.html`. From the story: "[Neutrinos] were reasoned into existence by Nobel Prizewinners Enrico Fermi and Wolfgang Pauli to fill a theoretical need, and the gnawing suspicion has long persisted that they do not exist. Last week from the Atomic Energy Commission came big news. Neutrinos do exist".

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[Ano58] Anonymous. Princeton's Wigner gets third Enrico Fermi Award. *The Science News-Letter*, 74(24):372, December 13, 1958. CODEN SNLEAI. ISSN 0096-4018 (print), 2326-1285 (electronic). URL `http://www.jstor.org/stable/3939817`.

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[Ano61] Anonymous. Enrico Fermi Award [to Hans A. Bethe]. *Physics Today*, 14(10):74, October 1961. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL `http://www.physicstoday.org/resource/1/phtoad/v14/i10/p74_s1`.

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[Ano62] Anonymous. Dr. Teller receives $50,000 Enrico Fermi Award. *New York Times*, ??(??):??, December 4, 1962. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095.

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[Ano63a] Anonymous. The [1963] Fermi Award [to J. Robert Oppenheimer]. *Physics Today*, 16(6):21–23, June 1963. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic).

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[Ano63b] Anonymous. Fermi Prize: J. Robert Oppenheimer named to receive annual AEC Award. *Science*, 140(3563):161–163, April 12, 1963. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL `http://www.jstor.org/stable/1710958`.

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[Ano64] Anonymous. Enrico Fermi Professorship of Physics, Columbia University: Prof. Tsung-Dao Lee. *Nature*, 204(4961):827, November 28, 1964. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v204/n4961/pdf/204827b0.pdf`.

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[Ano65b] Anonymous, editor. *Nobel lectures: including presentation speeches and laureates' biographies: physics 1922–1941*. Elsevier, Amsterdam, The Netherlands, 1965. x + 456 pp. LCCN QC71 .P455 1965. URL `http://nobelprize.org/nobel_prizes/physics/laureates/1922/bohr-lecture.html; http://nobelprize.org/nobel_prizes/physics/laureates/1922/bohr-lecture.pdf`.

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[Ano66] Anonymous. News in brief: Fermi Award. *Science*, 153(3737): 723, August 12, 1966. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic).

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[Ano68a] Anonymous. Distinctions: Fermi Prize for Wheeler. *Nature*, 220 (5162):4, October 5, 1968. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v220/n5162/pdf/220004b0.pdf`.

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[Ano68c] Anonymous. John Wheeler receives AEC 1968 Enrico Fermi Award. *Physics Today*, 21(12):105, December 1968. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL `http://www.physicstoday.org/resource/1/phtoad/v21/i12/p105_s1`.

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[Ano69] Anonymous. Fermi Accelerator. *Nature*, 222(5195):718, May 24, 1969. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v222/n5195/pdf/222718a0.pdf`.

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[Ano70] Anonymous. Walter H. Zinn receives AEC Enrico Fermi Medal. *Physics Today*, 23(2):99, February 1970. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL `http://www.physicstoday.org/resource/1/phtoad/v23/i2/p99_s3`.

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[Ano73] Anonymous. Benedict receives Enrico Fermi Award. *Physics Today*, 26(1):103, January 1973. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL `http://www.physicstoday.org/resource/1/phtoad/v26/i1/p103_s2`.

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[Ano75] Anonymous. Reminiscences of Los Alamos, 1943–1945 [sound recording]. Los Alamos National Laboratory. Presented at Santa Barbara Lectures on Science and Society. 1975. 1st annual, University of California at Santa Barbara, January 16–March 13, 1975, 1975.

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[Ano79] Anonymous. Fermi Award given. *Science News (Washington, DC)*, 116(8):132, August 25, 1979. CODEN SCNEBK. ISSN 0036-8423 (print), 1943-0930 (electronic). URL `http://www.jstor.org/stable/3964302`.

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[Ano81] Anonymous. Weinberg and Peierls receive Enrico Fermi Award. *Physics Today*, 34(3):85, March 1981. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL `http://www.physicstoday.org/resource/1/phtoad/v34/i3/p85_s1`.

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[Ano90] Anonymous. Fermi Award [to ????]. *Science*, 250(4980):503, October 26, 1990. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL `http://www.sciencemag.org/content/250/4980/503.3.full.pdf`.

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[Ano94a] Anonymous. Book note: *The Fermi Solution: Essays on Science*, by Hans Christian von Baeyer. *Bulletin of the Atomic Scientists*, 50(1):61, January/February 1994. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

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[Ano94b] Anonymous. Dyson receives 1994 Fermi Award. *Physics Today*, 47(11):104, 1994. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL `http://link.aip.org/link/?PTO/47/104/1`.

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[Ano94c] Anonymous. Fermi surfaces. *Physics World*, 7(8):10, August 1994. CODEN PHWOEW. ISSN 0953-8585 (print), 2058-7058 (electronic). URL `http://physicsworldarchive.iop.org/full/pwa-pdf/7/8/phwv7i8a11.pdf`.

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[Ano95a] Anonymous. 50th anniversary article: "The Italian Navigator has landed in the New World." secret race won with Chicago's chain reaction. *Los Alamos Science*, ??(??):??, ???? 1995. CODEN LASCDI. ISSN 0273-7116. URL `http://www.lanl.gov/history/road/chicago-reactor.shtml`.

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[Ano95b] Anonymous. Book review: *Atoms in the family: My life with Enrico Fermi*: By Laura Fermi. The University of Chicago Press, Chicago. (1954). 267 pages. $13.95. *Computers and Mathematics with Applications*, 30(9):124, November 1995. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/089812219590221X`.

Anonymous:1995:BRN

[Ano95c] Anonymous. Book review: *Notes on quantum mechanics: a course given by Enrico Fermi* (second edition): Compiled by Robert A. Schluter. University of Chicago Press, Chicago. (1995). 188 pages. $14.95. *Computers and Mathematics with Applications*, 30(9):122, November 1995. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0898122195901957`.

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[Ano96a] Anonymous. 1996 Fermi Award honours his former student [Ugo Fano]. *Nature*, 379(6560):3, January 4, 1996. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v379/n6560/pdf/379003b0.pdf`.

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[Ano96b] Anonymous. Book review: *Enrico Fermi, physicist*: By Emilio Segrè. University of Chicago Press, Chicago. (1970). 276 pages. \$13.95, £11.25. *Computers and Mathematics with Applications*, 31(2):132, January 1996. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122196901157`.

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[Ano98] Anonymous, editor. *Today in history. December 2*. Library of Congress, Washington, DC, USA, 1998. LCCN QC173. URL `http://memory.loc.gov/ammem/today/dec02.html`.

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[Ano99] Anonymous. The common man. *Physics in Perspective (PIP)*, 1(3):336, October 1999. CODEN PHPEF2. ISSN 1422-6944 (print), 1422-6960 (electronic). URL `http://link.springer.com/article/10.1007/s000160050024; http://www.springerlink.com/content/y1h02gr3rv7wurrl/`.

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[Ano01b] Anonymous. *L'Istituto di fisica e i ragazzi di via Panisperna / Istituto d'istruzione superiore di via Salvini, già Istituto tecnico Margherita di Savoia. (Italian) [The Institute of Physics and Via Panisperna boys / Institute of Higher Education Via Salvini, former Technical Institute Margherita di Savoia]*, volume 104 of *La scuola adotta un monumento*. F. lli Palombi, Roma, Italy, 2001. ISBN ???? 39 pp. LCCN ????

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[Ano01c] Anonymous. Returning to the Fermi level. *Physics World*, 14(9):15, September 2001. CODEN PHWOEW. ISSN 0953-8585 (print), 2058-7058 (electronic). URL `http://physicsworldarchive.iop.org/full/pwa-pdf/14/9/phwv14i9a15.pdf`.

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[Ano02] Anonymous. Bibliografia essenziale relativa ai saggi contenuti in questo volume. (Italian) [Bibliography relating to the essays in this volume]. In *Conoscere Fermi nel centenario della nascita: 29 settembre 1901–2001. (Italian) [Learn about Fermi in the centenary of his birth: 29 September 1901–2001]* [Ber02a], pages 378–?? ISBN 88-7438-000-3. LCCN QC774.F4. 10.33 EUR. URL `http://prometeo.sif.it:8080/libri/fermi/biblio.pdf`. English translation in [BB04b].

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[Ano03] Anonymous, editor. *Proceedings of the International Conference "Enrico Fermi and the Universe of Physics", Rome, September 29–October 2, 2001.* Accademia Nazionale dei Lincei and Instituto Nazionale di Fisica Nucleare, Rome, Italy, 2003. ISBN 88-8286-032-9. LCCN ???? URL `http:old.enea.it/produzione_scientifica/pdf.../V2003_AttiFermi.pdf`.

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[Ano05] Anonymous, editor. *The Center for Nonlinear Studies 25th Annual International Conference: 50 Years of the Fermi–Pasta–Ulam Problem: Legacy, Impact, and Beyond: May 16–20, 2005, Radisson Santa Fe Hotel, Santa Fe, New Mexico USA*. ????, ????, 2005. ISBN ???? LCCN ???? URL `http://cnls.lanl.gov/Conferences/annual25/agenda.htm`.

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[Ano06] Anonymous. Take a dip in the Fermi sea. *Science*, 311(5765):1223, March 3, 2006. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL `http://www.sciencemag.org/content/311/5765/1223.2.full.pdf`.

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//digitalcollections.wordpress.com/2007/11/05/enrico-fermi-and-the-nuclear-chain-reaction-university-of-chicago/; http://fermi.lib.uchicago.edu/.

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[Ano09a] Anonymous. Buried defects reveal Fermi surfaces. *Science*, 323(5918):1143, February 27, 2009. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL http://www.sciencemag.org/content/323/5918/1143.13.full.pdf.

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[Ano11] Anonymous. This month in physics history: December 2, 1942: First self-sustained nuclear chain reaction. *APS Physics*, 20(11): ??, December 2011. URL http://www.aps.org/publications/apsnews/201112/physicshistory.cfm.

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[Ano12a] Anonymous. Enrico Fermi. In *Encyclopædia Britannica Online Academic Edition*. Encyclopædia Britannica, Chicago, IL,

USA, 2012. LCCN ???? URL http://www.britannica.com/EBchecked/topic/204747/Enrico-Fermi.

Anonymous:2012:HAT

[Ano12b] Anonymous. Harold Agnew talk delights audience. *Los Alamos National Laboratory News Center*, May 11, 2012. URL http://www.lanl.gov/news/stories/agnew-colloquium.html. From the article: "Agnew, 92, fondly recounted his long association with Enrico Fermi, starting with his work on the team that created the first controlled nuclear reaction in a graphite pile at the University of Chicago. He remembers Fermi as, "a wonderful person, but just a regular guy," who, in a very low-key manner, advanced key research in the development of the first atomic weapons and many other breakthrough scientific innovations.

He also told a story of Leo Szilard's quirky behavior.

"At Chicago, Fermi used to give weekly lectures on Thursday evenings. Outside the lecture hall there was a sign up sheet, on a yellow legal pad. Szilard, who I think wasn't sure we were going to win the war, refused to put his name on the sign up sheet, so Fermi had him listen to the lectures from the hallway, through an open door.".

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[Ano12c] Anonymous. Scientists closer to extracting uranium from seawater. Web news report., September 7, 2012. URL http://www.scientificcomputing.com/news-DS-Scientists-Closer-to-Extracting-Uranium-from-Seawater-082912.aspx.

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[Ano15a] Anonymous. Enrico Fermi. Web site, 2015. URL https://www.aip.org/history/acap/biographies/bio.jsp?fermie.

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[Ano15b] Anonymous. Mathematicians solve 60-year-old Fermi–Pasta–Ulam problem. *Scientific Computing*, ??(??):??, March 24, 2015. CODEN SCHRCU. ISSN 1930-5753 (print), 1930-6156 (electronic). URL http://www.scientificcomputing.com/news/2015/03/mathematicians-solve-60-year-old-fermi-pasta-ulam-problem. See [OVPL15] for the research paper.

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[Ano16] Anonymous. The march of time: Atomic power! Periscope Film LLC archive, April 17, 2016. URL `https://www.youtube.com/watch?v=iTJJ7tkD5L4`.

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29 September 1901–2001] [Ber02a], pages 319–378. ISBN 88-7438-000-3. LCCN QC774.F4. 10.33 EUR. URL `http://prometeo.sif.it:8080/libri/fermi/crono.pdf`. English translation in [BB04b].

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[Bro73c] Willard Brown. Book review: Segrè, Emilio. *Enrico Fermi, physicist*. Chicago, Illinois: The University of Chicago Press, 1970

(276 pages), \$6.95. *Science Education*, 57(1):101, January/March 1973. CODEN SEDUAV. ISSN 0036-8326 (print), 1098-237X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1002/sce.3730570130/abstract`.

Brown:1978:IN

[Bro78] Laurie M. Brown. The idea of the neutrino. *Physics Today*, 31(9):23–28, September 1978. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL `http://www.nobelprize.org/nobel_prizes/physics/laureates/1935/; http://www.physicstoday.org/resource/1/phtoad/v31/i9/p23_s1`. Page 27 contains an English translation of Pauli's famous letter proposing the existence of an as-yet-undiscovered particle, which he called the 'neutron'. Fermi later renamed it 'neutrino' because of its small (and possibly zero) mass. The real neutron was first discovered by James Chadwick in 1932, a result for which he received the 1935 Nobel Prize in Physics.

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[Bru07] Giuseppe Bruzzaniti. *Enrico Fermi: il genio obbediente. (Italian) [Enrico Fermi: the obedient genius]*, volume 882 of *Saggi*. G. Einaudi, Torino, Italy, 2007. ISBN 88-06-16682-4 (paperback). xiii + 386 pp. LCCN QC774.F4 B78 2007. 24.50 EUR. URL `http://matematica.unibocconi.it/libri/enrico-fermi-il-genio-obbediente; http://www.loc.gov/catdir/toc/casalini06/06541291.pdf`.

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[CA77] James Chimbidis and Jay Andre, editors. *To Fermi — with love*. Argonne National Laboratory, Argonne, IL, USA, 1977. Sound recording (33 1/3 rpm).

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Cabibbo:2003:FTW

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OK, USA, 2015. ISBN 0-8061-4927-2 (hardcover), 0-8061-5253-2 (e-book). x + 314 pp. LCCN HD210.G7 C55 2015. URL `http://www.h-net.org/reviews/showrev.php?id=45878`.

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Fermi:1943:SAEe

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Fermi:1943:SAEf

[F+43e] Enrico Fermi et al. Summary of the activities of the experimental section of the nuclear physics division in the past month. Report CP-1088, US Atomic Energy Commission, Washington, DC, USA, November 1943. 3 pp. In: Fermi, E., et al. Nuclear Physics Research. Report for month ending November 23,1943.

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Fermi:1944:SAEd

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[FA61] Enrico Fermi and Herbert L. Anderson. Method of testing therman neutron fissionable material for purity. US Patent 2,969,307., January 24, 1961. US Patent Application 630,123 filed November 21, 1945.

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[Fer25f] Enrico Fermi. Sulla teoria dell'urto tra atomi e corpuscoli elettrici. (Italian) [On the theory of collisions between atoms and electrically-charged particles]. *Il Nuovo Cimento (8)*, 2(2):143–158, ???? 1925. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/d4k7020117x76169/`. English translation in [Fer01].

Fermi:1925:RTC

[Fer25g] Enrico Fermi. Una relazione tra le costanti delle bande infrarosse delle molecole triatomiche. (Italian) [A relation between the constants of the infra-red bands of triatomic molecules]. *Rendiconti*

dell'Accademia Nazionale dei Lincei, 1(6):386–387, ???? 1925. CODEN AANLAW. ISSN 0001-4435.

Fermi:1926:APC

[Fer26a] Enrico Fermi. Argomenti pro e contro la ipotesi dei quanti di luce. (Italian) [Arguments for and against the hypothesis of light quanta]. *Il Nuovo Cimento (8)*, 3(1–2):47–54, ???? 1926. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/lm022085605043uh/`.

Fermi:1926:PCN

[Fer26b] Enrico Fermi. Problemi di chimica nella fisica dell'atomo. (Italian) [The problems of chemistry in atomic physics]. *Periodico di Matematiche*, 6(4):19–26, ???? 1926.

Fermi:1926:QMM

[Fer26c] Enrico Fermi. Quantum mechanics and the magnetic moment of atoms. *Nature*, 118(2981):876, December 18, 1926. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v118/n2981/pdf/118876a0.pdf`.

Fermi:1926:SID

[Fer26d] Enrico Fermi. Sopra l'intensità delle righe proibite nei campi magnetici intensi. (Italian) [On the intensity of forbidden lines in strong magnetic fields]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 3(6):478–483, ???? 1926. CODEN AANLAW. ISSN 0001-4435.

Fermi:1926:SFC

[Fer26e] Enrico Fermi. Sopra una formula di calcolo delle probabilità. (Italian) [On a formula for calculating the probability]. *Il Nuovo Cimento (8)*, 3(1–2):313–318, ???? 1926. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/41428t2uk9671532/`. This paper is the publication of Fermi's Diplome degree [Fer22h].

Fermi:1926:SQD

[Fer26f] Enrico Fermi. Sulla quantizzazione del gas perfetto monoatomico. (Italian) [On the quantization of the ideal monatomic gas]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 3(6):145–149, ???? 1926. CODEN AANLAW. ISSN 0001-4435.

Fermi:1926:QIE

[Fer26g] Enrico Fermi. Zur Quantelung des idealen einatomigen Gases. (German) [On the quantization of an ideal monatomic gas]. *Zeitschrift für Physik*, 36(11–12):902–912, November 1926. CODEN ZEPYAA. ISSN ???? URL `http://www.springerlink.com/content/k763270092273181/`.

Fermi:1926:WSG

[Fer26h] Enrico Fermi. Zur Wellenmechanik des Stoßvorganges. (German) [On the wave mechanics of collision processes]. *Zeitschrift für Physik*, 40(5):399–402, May 1926. CODEN ZEPYAA. ISSN ???? URL `http://www.springerlink.com/content/wg37207762047g85/`.

Fermi:1926:LFT

[Fer27a] Enrico Fermi. *Lezioni di Fisica teorica. (Italian) [Lectures on theoretical physics]*. Stabilimento Tipolitografico del Genio Civile, Roma, Italia, 1926–1927. 60 pp. Notes by Dei and Martinozzi.

Fermi:1927:APC

[Fer27b] Enrico Fermi. Argomenti pro e contro la ipotesi dei quanti di luce. (Italian) [Arguments for and against the hypothesis of light quanta]. *Rendiconti Seminario Mat. Roma (2)*, 4(??):31–32, ???? 1927.

Fermi:1927:EEM

[Fer27c] Enrico Fermi. Gli effetti elettro e magnetoottici e le loro interpretazioni. (Italian) [Electro- and magnetooptical effects and their interpretation]. *L'Energia Elettrica*, ??(??):109–120, ???? 1927. Special issue on the centenary of the death of A. Volta.

Fermi:1927:SMD

[Fer27d] Enrico Fermi. Sul meccanismo dell'emissione nella meccanica ondulatoria. (Italian) [Mechanism of emission according to undulatory mechanics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 5(6):795–800, ???? 1927. CODEN AANLAW. ISSN 0001-4435.

Fermi:1927:MSP

[Fer27e] Enrico Fermi. Un metodo statistico per la determinazione di alcune proprietá dell'atomo. (Italian) [A statistical method for the determination of some atomic properties]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 6(6):602–607, ???? 1927.

CODEN AANLAW. ISSN 0001-4435. This paper is the Fermi side of the Thomas–Fermi model, which Fermi developed independently a year after the work of Llewellyn H. Thomas ([Tho27]). See [Seg70b, page 53], [GR08], and [DS09] for historical background.

Fermi:1928:AGP

[Fer28a] Enrico Fermi. Anomalous groups in the periodic system of elements. *Nature*, 121(3048):502, March 31, 1928. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v121/n3048/pdf/121502b0.pdf`.

Fermi:1928:SMB

[Fer28b] Enrico Fermi. Eine statistische Methode zur Bestimmung einiger Eigenschaften des Atoms und ihre Anwendung auf die Theorie des periodischen Systems der Elemente. (German) [A statistical method for the determination of some atomic properties and its application to the theory of the periodic system of elements]. *Zeitschrift für Physik*, 48(1–2):73–79, January 1928. CODEN ZEPYAA. ISSN ???? URL `http://www.springerlink.com/content/v762582061464612/`. See English translation in [Mar75, pp. 205–213].

Fermi:1928:IAF

[Fer28c] Enrico Fermi. *Introduzione alla Fisica Atomica. (Italian) [Introduction to atomic physics]*. N. Zanichelli, Bologna, Italy, 1928. 330 pp. LCCN ????

Fermi:1928:PMC

[Fer28d] Enrico Fermi. Problemi matematici connessi alla nuova meccanica. (Italian) [Mathematical problems associated with the new mechanics]. *Rendiconti Seminario Mat. Roma*, 5(??):23, ???? 1928.

Fermi:1928:SBR

[Fer28e] Enrico Fermi. Statistische Berechnung der Rydbergkorrektionen der s-Terme. (German) [Statistical calculation of the Rydberg correction s-terme]. *Zeitschrift für Physik*, 49(7–8):550–554, ???? 1928. CODEN ZEPYAA. ISSN ???? URL `http://www.springerlink.com/content/g467772270t34273/`.

Fermi:1928:SDSa

[Fer28f] Enrico Fermi. Sulla deduzione statistica di alcune proprietà dell'atomo. Applicazione alla teoria del sistema periodico degli elementi. (Italian) [On statistical inference of some atomic properties. Applying the theory to the periodic system of elements]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 7(6):342–346, ???? 1928. CODEN AANLAW. ISSN 0001-4435.

Fermi:1928:SDSb

[Fer28g] Enrico Fermi. Sulla deduzione statistica di alcune proprietá dell'atomo. Calcolo della correzione di Rydberg per i termini *s*. (Italian) [On the statistical deduction of some atomic properties. Calculation of the Rydberg corrections to *s*-terms]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 7(6):726–730, ???? 1928. CODEN AANLAW. ISSN 0001-4435.

Fermi:1928:STD

[Fer28h] Enrico Fermi. Sulla teoria del sistema periodico. (Italian) [On the theory of the periodic system]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 7(6):66–??, ???? 1928. CODEN AANLAW. ISSN 0001-4435.

Fermi:1928:ASM

[Fer28i] Enrico Fermi. Über die Anwendung der statistischen Methode auf die Probleme des Atombaues. (German) [On the application of statistical methods to the problems of atomic structure]. In *Quantentheorie und Chemie. (German) [Quantum theory and chemistry]* [Fal28], pages 95–111. LCCN QD461 .F3. URL `http://books.google.com/books?id=x5xKAAAAMAAJ; http://catalog.hathitrust.org/api/volumes/oclc/4335846.html`. Leipziger Vorträge.

Fermi:1929:AET

[Fer29a] Enrico Fermi. Affinità elettronica e teoria statistica dell'atomo. (Italian) [Electron affinity and statistical theory of the atom]. *Il Nuovo Cimento (8)*, ??(??):13–14, 1929. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1929:FPL

[Fer29b] Enrico Fermi. *Fisica per i Licei. (Italian) [Physics for High Schools]*. N. Zanichelli, Bologna, Italy, 1929. 239 (volume 1) + 243 (volume 2) pp. LCCN ???? Two volumes.

Fermi:1929:FSD

[Fer29c] Enrico Fermi. I fondamenti sperimentale delle nuove teorie fisiche. (Italian) [The experimental foundations of the new physical theories]. *Atti Soc. It. Progr. Sci. 18a Riunione*, 1:365–371, 1929.

Fermi:1929:LDF

[Fer29d] Enrico Fermi. L'interpretazione del fenomeno dell'irradiazione e dell'assorbimento nella attuale teoria dei quanti. (Italian) [The interpretation of the phenomenon of radiation and absorption in the current quantum theory]. *Il Nuovo Cimento (8)*, ??:16–17, 1929. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1929:PAD

[Fer29e] Enrico Fermi. Problemi attuali della fisica. (Italian) [The contemporary problems of physics]. *Annali dell'Istruzione media*, 5(??): 424–428, ???? 1929.

Fermi:1929:SEQ

[Fer29f] Enrico Fermi. Sopra l'elettrodinamica quantistica. (Italian) [On quantum electrodynamics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 9(6):881–887, ???? 1929. CODEN AANLAW. ISSN 0001-4435.

Fermi:1929:SCD

[Fer29g] Enrico Fermi. Sul complesso $4d$ della molecola di elio. (Italian) [On complex $4d$ terms of the helium molecule]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 10(??):515–517, ???? 1929. CODEN AANLAW. ISSN 0001-4435.

Fermi:1929:SMC

[Fer29h] Enrico Fermi. Sul moto di un corpo di massa variabile. (Italian) [On the motion of a body of variable mass]. *Rendiconti Accad. d. L. Roma (6)*, 9(6):984–986, ???? 1929.

Fermi:1929:STQ

[Fer29i] Enrico Fermi. Sulla teoria quantistica delle frange di interferenza. (Italian) [On the quantum theory of interference fringes]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 10(6):72–77, ???? 1929. CODEN AANLAW. ISSN 0001-4435.

Fermi:1930:ASI

[Fer30a] Enrico Fermi. Atomi e stelle. (Italian) [Atoms and stars]. *Atti Società Italiana per il Progresso delle Scienze, 19a Riunione*, 1: 228–235, 1930.

Fermi:1930:FSD

[Fer30b] Enrico Fermi. I fondamenti sperimentale della nuova meccanica atomica. *Periodico di Matematiche*, 10(??):71–84, ???? 1930.

Fermi:1930:FMI

[Fer30c] Enrico Fermi. La fisica moderna. (Italian) [Modern physics]. *Nuova Antologia*, 65(??):137–145, November 1930.

Fermi:1930:LDPa

[Fer30d] Enrico Fermi. L'interpretazione del principio di causalità nella meccanica quantistica. (Italian) [The interpretation of the principle of causality in quantum mechanics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 11(??):980–985, ???? 1930. CODEN AANLAW. ISSN 0001-4435.

Fermi:1930:LDPb

[Fer30e] Enrico Fermi. L'interpretazione del principio di causalità nella meccanica quantistica. (Italian) [The interpretation of the principle of causality in quantum mechanics]. *Il Nuovo Cimento (8)*, 7(10):361–366, ???? 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1930:MMAb

[Fer30f] Enrico Fermi. Magnetic moments of atomic nuclei. *Nature*, 125 (3140):16, January 4, 1930. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v125/n3140/pdf/125016a0.pdf`.

Fermi:1930:SEQ

[Fer30g] Enrico Fermi. Sopra l'elettrodinamica quantistica. (Italian) [On quantum electrodynamics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 12(6):431–435, ???? 1930. CODEN AANLAW. ISSN 0001-4435.

Fermi:1930:SMM

[Fer30h] Enrico Fermi. Sui momenti magnetici dei nuclei atomici. (Italian) [On the magnetic moments of atomic nuclei]. *Mem. Accad. d'Italia*, 1 (Fis.)(??):139–148, ???? 1930.

Fermi:1930:SCDb

[Fer30i] Enrico Fermi. Sul calcolo degli spettri degli ioni. (Italian) [On the calculation of ionic spectra]. *Reale Accademia d'Italia. Memorie della Classe di Scienze Fisiche Matematische e Naturali*, 1 (Fis.) (??):149–156, ???? 1930.

Fermi:1930:SCDc

[Fer30j] Enrico Fermi. Sul calcolo degli spettri degli ioni. (Italian) [On the calculation of ionic spectra]. *Il Nuovo Cimento (8)*, 8(??):7–14, ???? 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1930:SCDa

[Fer30k] Enrico Fermi. Sul complesso 4*d* della molecola di elio. (Italian) [On the complex 4*d* terms of the helium molecule]. *Il Nuovo Cimento (8)*, 7(1):159–161, ???? 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/qu2v070619524651/`.

Fermi:1930:SPC

[Fer30l] Enrico Fermi. Sul principio di causalità nella meccanica ondulatoria. (Italian) [On the principle of causality in wave-mechanics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 11(6):980–??, ???? 1930. CODEN AANLAW. ISSN 0001-4435.

Fermi:1930:SRD

[Fer30m] Enrico Fermi. Sul rapporto delle intensità nei doppietti dei metalli alcalini. (Italian) [On the intensity ratio of the doublets of alkali metals]. *Il Nuovo Cimento (8)*, 7(2):201–207, ???? 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/n634245424810826/`.

Fermi:1930:STQ

[Fer30n] Enrico Fermi. Sulla teoria quantistica delle frange di interferenza. (Italian) [On the quantum theory of interference fringes]. *Il Nuovo Cimento (8)*, 7(1):153–158, ???? 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/11u3u0132r2167u8/`.

Fermi:1930:IDA

[Fer30o] Enrico Fermi. Über das Intensitätsverhältnis der Dublettkomponenten der Alkalien. (German) [On the intensity ratio of the alkali doublet]. *Zeitschrift für Physik*, 59(9–10):680–686, ???? 1930.

CODEN ZEPYAA. ISSN ???? URL http://www.springerlink.com/content/u61157208733h542/.

Fermi:1930:MMAa

[Fer30p] Enrico Fermi. Über die magnetischen Momente der Atomkerne. (German) [On the magnetic moment of the atomic nucleus]. *Zeitschrift für Physik*, 60(5–6):320–333, ???? 1930. CODEN ZEPYAA. ISSN ???? URL http://www.springerlink.com/content/r2xvj07l47qj3005/.

Fermi:1931:TDR

[Fer31a] Enrico Fermi. La théorie du rayonnement. (French) [The theory of radiation]. *Annales de l'Institut Henri Poincaré*, 1(1):53–74, 1931. CODEN AIHPA2. ISSN 0365-320x (print), 2400-4855 (electronic). URL http://www.numdam.org/item?id=AIHP_1930__1_1_53_0.

Fermi:1931:MEN

[Fer31b] Enrico Fermi. Le masse elettromagnetiche nella elettrodinamica quantistica. (Italian) [The electromagnetic mass in quantum electrodynamics]. *Il Nuovo Cimento (8)*, 8(1):121–132, ???? 1931. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL http://www.springerlink.com/content/666766873474t135/.

Fermi:1931:SEQ

[Fer31c] Enrico Fermi. Sopra l'elettrodinamica quantistica. *Il Nuovo Cimento (8)*, 8(??):207–219, ???? 1931. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1931:SCD

[Fer31d] Enrico Fermi. Sul calcolo degli spettri degli ioni. (Italian) [On the calculation of spectra of ions]. *Il Nuovo Cimento (8)*, 8(1):7–14, ???? 1931. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL http://www.springerlink.com/content/q7655qwn747j9635/.

Fermi:1931:RKG

[Fer31e] Enrico Fermi. Über den Ramaneffekt des Kohlendioxyds. (German) [On the Raman effect in carbon dioxide]. *Zeitschrift für Physik*, 71(3–4):250–259, March 1931. CODEN ZEPYAA. ISSN ???? URL http://www.springerlink.com/content/m55p73766721t070/.

Fermi:1932:EAP

[Fer32a] Enrico Fermi. État actuel de la physique du noyau atomique. (French) [The current state of physics of the atomic nucleus]. In Robert de Valbreuze, editor, *Comptes Rendus du Congrès International d'Electricité Paris 1932*, pages 789–807. Gauthier-Villars et cie, Paris, France, 1932.

Fermi:1932:LRN

[Fer32b] Enrico Fermi. L'effetto Raman nelle molecole e nei cristalli. (Italian) [The Raman effect in molecules and crystals]. *Mem. Accad. d'Italia*, 3 (Fis.)(??):239–256, ???? 1932.

Fermi:1932:SAO

[Fer32c] Enrico Fermi. Lo stato attuale di oscillazione e rotazione dell'ammoniaca. (Italian) [The current state of oscillation and rotation in ammonia]. *La Ricerca Scientifica*, 3(2):101–113, ???? 1932. CODEN RISCAZ. ISSN 0035-5011.

Fermi:1932:QTR

[Fer32d] Enrico Fermi. Quantum theory of radiation. *Reviews of Modern Physics*, 4(1):87–132, January 1, 1932. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL `http://link.aps.org/doi/10.1103/RevModPhys.4.87; http://rmp.aps.org/abstract/RMP/v4/i1/p87_1`.

Fermi:1932:SBOa

[Fer32e] Enrico Fermi. Sulle bande di oscillazione e rotazione dell'ammoniaca. (Italian) [Vibration and rotation bands of ammonia]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 16(6):179–185, ???? 1932. CODEN AANLAW. ISSN 0001-4435.

Fermi:1932:SBOb

[Fer32f] Enrico Fermi. Sulle bande di oscillazione e rotazione dell'ammoniaca. (Italian) [Vibration and rotation bands of ammonia]. *Il Nuovo Cimento (8)*, 9(9):277–283, ???? 1932. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/g67688w169u75n61/`.

Fermi:1933:UPC

[Fer33a] Enrico Fermi. Le ultime particelle costitutive della materia. (Italian) [The ultimate constituents of matter]. *Atti Società Italiana per il Progresso delle Scienze, 22a Riunione*, 2(??):7–14, ???? 1933. 22nd meeting, Bari (October 12–18, 1933). See also [Fer34e].

Fermi:1933:TTD

[Fer33b] Enrico Fermi. Tentativo di una teoria dell'emissione dei raggi 'beta'. (Italian) [Attempt at a theory of the emission of β rays]. *Ricerca Scientifica ed il Progresso Tecnico*, 4(2):491–495, 1933. CODEN RSPTB6. ISSN ???? See [Jen00] for a history of the theory of beta decay.

Fermi:1933:THS

[Fer33c] Enrico Fermi. Theory of hyperfine structure [minutes of the Chicago Meeting, June 19–24, 1933]. *Physical Review*, 44(4): 313–330, August 1933. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://link.aps.org/doi/10.1103/PhysRev.44.313`. Only title appears in the minutes.

Fermi:1934:ARN

[Fer34a] Enrico Fermi. Artificial radioactivity produced by neutron bombardment. In *International Conference on Physics, London, Vol. I. Nuclear Physics*, pages 75–77. Physical Society, London, UK, 1934.

Fermi:1934:CL

[Fer34b] Enrico Fermi. Conferencias (lectures). Faculdad de Ciencias Exactas, Físicas y Naturales, Serie B, Publicación 15, Buenos Aires, Argentina, 1934.

Fermi:1934:EN

[Fer34c] Enrico Fermi. Element no. 93. *Nature*, 133(3371):863–864, June 9, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v133/n3371/pdf/133863e0.pdf`.

Fermi:1934:RAI

[Fer34d] Enrico Fermi. La radioattività artificiale. (Italian) [Artificial radioactivity]. *Atti Società Italiana per il Progresso delle Scienze, 23a Riunione*, 1:34–39, 1934.

Fermi:1934:UPC

[Fer34e] Enrico Fermi. Le ultime particelle costitutive della materia. (Italian) [The ultimate constituents of matter]. *Scientia (Milan)*, 55 (261):21–28, January 1934. CODEN SCIMAI. ISSN 0036-8687 (print), 1825-4373 (electronic). URL `http://amshistorica.unibo.it/7`. See also [Fer33a].

Fermi:1934:MCI

[Fer34f] Enrico Fermi. *Molecole e cristalli. (Italian) [Molecules and crystals]*. N. Zanichelli, Bologna, Italy, 1934. 303 pp. LCCN ????

Fermi:1934:PPE

[Fer34g] Enrico Fermi. Possible production of elements of atomic number higher than 92. *Nature*, 133(3372):898–899, June 16, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.chemteam.info/Chem-History/Fermi-transuranics-1934.html; http://www.nature.com/nature/journal/v133/n3372/pdf/133898a0.pdf`.

Fermi:1934:RIN

[Fer34h] Enrico Fermi. Radioactivity induced by neutron bombardment. *Nature*, 133(3368):757, May 19, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v133/n3368/pdf/133757a0.pdf`.

Fermi:1934:RPN

[Fer34i] Enrico Fermi. Radioactivity produced by neutron bombardment. *Nature*, 134(??):668, ???? ??, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Fermi:1934:RPBa

[Fer34j] Enrico Fermi. Radioattività indotta da bombardamento di neutroni. I (Italian) [Radioactivity induced by neutron bombardment. I]. *La Ricerca Scientifica*, 5(1):283, ???? 1934. CODEN RISCAZ. ISSN 0035-5011.

Fermi:1934:RPBc

[Fer34k] Enrico Fermi. Radioattività prodotta da bombardamento di neutroni. II. (Italian) [Radioactivity produced by neutron bombardment. II]. *Il Nuovo Cimento (8)*, 11(7):429–441, ???? 1934. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/q107q23kqk234806/`.

Fermi:1934:RPBb

[Fer34l] Enrico Fermi. Radioattività provocata da bombardamento di neutroni. II. (Italian) [Radioactivity caused by neutron bombardment. II]. *La Ricerca Scientifica*, 5(1):330–331, ???? 1934. CODEN RISCAZ. ISSN 0035-5011.

Fermi:1934:SSP

[Fer34m] Enrico Fermi. Sopra lo spostamento per pressione delle righe elevate delle serie spettrali. (Italian) [On the movement under high pressure of the spectral-line series]. *Il Nuovo Cimento (8)*, 11(3): 157–166, ???? 1934. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/04267161t7608557/`.

Fermi:1934:TTR

[Fer34n] Enrico Fermi. Tentativo di una teoria dei raggi β. (Italian) [Draft of a theory of β rays]. *Il Nuovo Cimento (8)*, 11(1):1–19, January 1934. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://inspirehep.net/record/25382; http://www.springerlink.com/content/2t3p38675v840182/`.

Fermi:1934:VTS

[Fer34o] Enrico Fermi. Versuch einer Theorie der β-Strahlen. I. (German) [Attempt at a theory of β-rays. I]. *Zeitschrift für Physik*, 88(3–4): 161–177, ???? 1934. CODEN ZEPYAA. ISSN ???? URL `http://www.springerlink.com/content/wq2r06j058382226/`. English translation in [].

Fermi:1934:BGB

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[Maj37] Ettore Majorana. Teoria simmetrica dell elettrone e del positrone. (Italian) [Symmetrical theory of the electron and the positron]. *Il Nuovo Cimento (8)*, 14(4):171–184, April 1937. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://en.wikipedia.org/wiki/Majorana_mass; http://nl.wikipedia.org/wiki/Majorana-deeltje`. In this paper, Majorana predicted the existence of a new type of particle, now called a *Majorana fermion*, which is its own antiparticle, and whose existence may have finally been confirmed by experiment

seventy years later [FK08, MZF+12, Ser12]. See also comments in [ACM10]. Esposito [Esp08a] reports about this paper "With amazing farsightedness Majorana suggested that the neutrino, which had just been postulated by Wolfgang Pauli and Fermi to explain puzzling features of radioactive beta decay, could be such a particle. This would make the neutrino unique among the elementary particles and, moreover, enable it to have mass. Today many experiments are still devoted to detect these peculiar properties, which include the phenomenon of neutrino oscillations: we have not yet succeeded to find a definite answer to Majorana's proposal.".

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tor: Enrico Fermi, Ettore Majorana, via Panisperna]. Zanichelli, Bologna, 2010. ISBN 88-08-16814-X. 398 pp. LCCN QC774.F4.

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[MF39c] Lise Meitner and Otto Robert Frisch. Products of the fission of the uranium nucleus. *Nature*, 143(3620):471–472, March 18, 1939. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v143/n3620/pdf/143471a0.pdf`. See note in [MF39a].

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[Mor63a] Philip Morrison. Enrico Fermi: *Collected Papers (Note e Memorie) Vol. I.* *American Journal of Physics*, 31(9):740, September 1963. CODEN AJPIAS. ISSN 0002-9505 (print), 1943-2909 (electronic). URL `http://ajp.aapt.org/resource/1/ajpias/v31/i9/p740_s1`; `http://link.aip.org/link/?AJP/31/740/1`. See [Fer62a].

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[Mor63b] Philip Morrison. Fermi questions. *American Journal of Physics*, 31(8):626–627, August 1963. CODEN AJPIAS. ISSN 0002-9505 (print), 1943-2909 (electronic). URL `http://ajp.aapt.org/resource/1/ajpias/v31/i8/p626_s2`.

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//www.chemteam.info/Chem-History/Noddack-1934.html. According to Frisch [FW67, page 48], "Ida Noddack, a German chemist, quite rightly pointed out that they might be lighter elements [after bombardment of uranium by neutrons]; but her comments (published in a journal not much read by chemists and hardly at all by physicists) were regarded as mere pedantry. She did not indicate how such light elements could be formed; her paper had probably no effect whatever on later work.". English translation in [GA71, pages 16–20].

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