

The figure displays a grid of 48 Dynkin diagrams for rank 4 root systems, arranged in 4 rows and 12 columns. Each diagram is a graph with nodes and edges, representing the root system. The diagrams are labeled with their corresponding root system names, such as A4, B4, C4, D4, E4, F4, G2, H4, I4, J4, K4, L4, M4, N4, O4, P4, Q4, R4, S4, T4, U4, V4, W4, X4, Y4, Z4, AA4, AB4, AC4, AD4, AE4, AF4, AG4, AH4, AI4, AJ4, AK4, AL4, AM4, AN4, AO4, AP4, AQ4, AR4, AS4, AT4, AU4, AV4, AW4, AX4, AY4, AZ4, BA4, BB4, BC4, BD4, BE4, BF4, BG4, BH4, BI4, BJ4, BK4, BL4, BM4, BN4, BO4, BP4, BQ4, BR4, BS4, BT4, BU4, BV4, BW4, BX4, BY4, BZ4, CA4, CB4, CC4, CD4, CE4, CF4, CG4, CH4, CI4, CJ4, CK4, CL4, CM4, CN4, CO4, CP4, CQ4, CR4, CS4, CT4, CU4, CV4, CW4, CX4, CY4, CZ4, DA4, DB4, DC4, DD4, DE4, DF4, DG4, DH4, DI4, DJ4, DK4, DL4, DM4, DN4, DO4, DP4, DQ4, DR4, DS4, DT4, DU4, DV4, DW4, DX4, DY4, DZ4, EA4, EB4, EC4, ED4, EE4, EF4, EG4, EH4, EI4, EJ4, EK4, EL4, EM4, EN4, EO4, EP4, EQ4, ER4, ES4, ET4, EU4, EV4, EW4, EX4, EY4, EZ4, FA4, FB4, FC4, FD4, FE4, FF4, FG4, FH4, FI4, FJ4, FK4, FL4, FM4, FN4, FO4, FP4, FQ4, FR4, FS4, FT4, FU4, FV4, FW4, FX4, FY4, FZ4, GA4, GB4, GC4, GD4, GE4, GF4, GG4, GH4, GI4, GJ4, GK4, GL4, GM4, GN4, GO4, GP4, GQ4, GR4, GS4, GT4, GU4, GV4, GW4, GX4, GY4, GZ4, HA4, HB4, HC4, HD4, HE4, HF4, HG4, HH4, HI4, HJ4, HK4, HL4, HM4, HN4, HO4, HP4, HQ4, HR4, HS4, HT4, HU4, HV4, HW4, HX4, HY4, HZ4, IA4, IB4, IC4, ID4, IE4, IF4, IG4, IH4, II4, IJ4, IK4, IL4, IM4, IN4, IO4, IP4, IQ4, IR4, IS4, IT4, IU4, IV4, IW4, IX4, IY4, IZ4, JA4, JB4, JC4, JD4, JE4, JF4, JG4, JH4, JI4, JJ4, JK4, JL4, JM4, JN4, JO4, JP4, JQ4, JR4, JS4, JT4, JU4, JV4, JW4, JX4, JY4, JZ4, KA4, KB4, KC4, KD4, KE4, KF4, KG4, KH4, KI4, KJ4, KK4, KL4, KM4, KN4, KO4, KP4, KQ4, KR4, KS4, KT4, KU4, KV4, KW4, KX4, KY4, KZ4, LA4, LB4, LC4, LD4, LE4, LF4, LG4, LH4, LI4, LJ4, LK4, LL4, LM4, LN4, LO4, LP4, LQ4, LR4, LS4, LT4, LU4, LV4, LW4, LX4, LY4, LZ4, MA4, MB4, MC4, MD4, ME4, MF4, MG4, MH4, MI4, MJ4, MK4, ML4, MM4, MN4, MO4, MP4, MQ4, MR4, MS4, MT4, MU4, MV4, MW4, MX4, MY4, MZ4, NA4, NB4, NC4, ND4, NE4, NF4, NG4, NH4, NI4, NJ4, NK4, NL4, NM4, NN4, NO4, NP4, NQ4, NR4, NS4, NT4, NU4, NV4, NW4, NX4, NY4, NZ4, OA4, OB4, OC4, OD4, OE4, OF4, OG4, OH4, OI4, OJ4, OK4, OL4, OM4, ON4, OO4, OP4, OQ4, OR4, OS4, OT4, OU4, OV4, OW4, OX4, OY4, OZ4, PA4, PB4, PC4, PD4, PE4, PF4, PG4, PH4, PI4, PJ4, PK4, PL4, PM4, PN4, PO4, PP4, PQ4, PR4, PS4, PT4, PU4, PV4, PW4, PX4, PY4, PZ4, QA4, QB4, QC4, QD4, QE4, QF4, QG4, QH4, QI4, QJ4, QK4, QL4, QM4, QN4, QO4, QP4, QQ4, QR4, QS4, QT4, QU4, QV4, QW4, QX4, QY4, QZ4, RA4, RB4, RC4, RD4, RE4, RF4, RG4, RH4, RI4, RJ4, RK4, RL4, RM4, RN4, RO4, RP4, RQ4, RR4, RS4, RT4, RU4, RV4, RW4, RX4, RY4, RZ4, SA4, SB4, SC4, SD4, SE4, SF4, SG4, SH4, SI4, SJ4, SK4, SL4, SM4, SN4, SO4, SP4, SQ4, SR4, SS4, ST4, SU4, SV4, SW4, SX4, SY4, SZ4, TA4, TB4, TC4, TD4, TE4, TF4, TG4, TH4, TI4, TJ4, TK4, TL4, TM4, TN4, TO4, TP4, TQ4, TR4, TS4, TT4, TU4, TV4, TW4, TX4, TY4, TZ4, UA4, UB4, UC4, UD4, UE4, UF4, UG4, UH4, UI4, UJ4, UK4, UL4, UM4, UN4, UO4,