

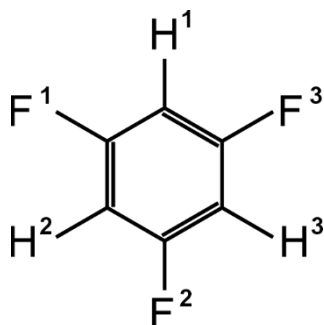
The Origin of Mirror Symmetry in High-Resolution NMR Spectra

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Supplement

This supplement contains a complete listing of all possible J -coupling matrix types resulting from spin permutations in 1,3,5-trifluorobenzene (Table 1).



The following pairs of J -coupling matrices (Table 1) possess the same structure except for interchange of H(A) and F(X) parts (AA'A"XX'X"/XX'X"AA'A"): (1,118), (2,117), (3,120), (4,119), (5,115), (6,116), (7,108), (8,107), (9,106), (10, 105), (11,104), (12,103), (13,114), (14,113), (15,112), (16,111), (17,110), (18,109), (19,101), (20,102), (21,98), (22,97), (23,100), (24,99), (25,84), (26,83), (27,82), (28,81), (29,80), (30,79), (31,78), (32,77), (33,76), (34,75), (35,74), (36,73), (37,72), (38,71), (39,70), (40,69), (41,68), (42,67), (43,66), (44,65), (45,64), (46,63), (47,62), (48, 61), (49,96), (50,95), (51,94), (52,93), (53,92), (54,91), (55,90), (56,89), (57,88), (58,87), (59,86), (60,85).

