minors of the functional matrix $\partial I_i / \partial x_j$ This conjecture has neither been proved or verified.

(vi) This final property is the only one that holds for *irreducible* groups only. Suppose that r reflections in W serve to generate W (this is always the case for k = R, but not for k = C). Then it is possible to pick this set of generating reflections so that their product has characteristic roots

$$\exp\left(\frac{2\pi i m_j}{h}\right), \; j = 1, 2, \ldots, r; \; h = \max(m_j) + 1$$

When k = R it suffices to choose the reflections as those of a fundamental set and then take their product in any order [6; p. 765]. In this case also h has geometric significance as the number of sides of the Petrie polygon [5; p. 223]. For k = C no general rule for the selection of the correct set of reflections has been given.

This result has been verified for k = C, and general proofs are known for k = R, r = 2, 3 [6; p. 772].

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