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**On the O’Nan-Scott theorem for finite primitive permutation groups.** (English)

Zbl 0647.20005

J. Aust. Math. Soc., Ser. A 44, No. 3, 389-396 (1988).

The present paper gives a self-contained proof of the O’Nan-Scott theorem on the socle of a finite primitive permutation group. Omissions in some earlier published statements or proofs are corrected; correct versions of the theorem are also contained in *M. Aschbacher* and *L. Scott* [J. Algebra 92, 44-80 (1985; Zbl 0549.20011)] and *L. G. Kovács* [ibid. 99, 114-131 (1986; Zbl 0591.20020)].

Reviewer: [W.Knapp](#)

**MSC:**

[20B15](#) Primitive groups

[20B05](#) General theory for finite permutation groups

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Cited in **112** Documents

**Keywords:**

diagonal and product actions of wreath products; O’Nan-Scott theorem; socle; finite primitive permutation group