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Nota di contenuto	Contents -- Preface -- Diagram geometries for sporadic groups -- Symmetric representations and linear groups -- Rationality of certain zeta functions associated with modular representation theory -- Computing the character table of a Lie group -- Multiplicative products of L-functions -- An E8 approach to F1 -- The Monster and its nonassociative algebra -- Some consequences of the classification of finite simple groups -- Group representations and the resolution of rational double points -- M24 and certain automorphic forms -- Generalized root systems and characters -- The uniqueness of the Fischer-Griess Monster -- Efficiency of finite simple groups and their covering groups -- Buildings and sporadic groups -- On the Head characters of the Monster simple group -- Residual geometries for sporadic and classical groups - A survey -- Some consequences of the elementary relations in SLn.