

Zonal Polynomials by *Akimichi Takemura*

This monograph is a self-contained development of zonal polynomials in the framework of standard multivariate analysis. Except for the usual tools of multivariate normal distribution theory and linear algebra, no extensive mathematical background is assumed. This contrasts with earlier treatments of the theory of zonal polynomials. It is hoped that the present approach will make zonal polynomials and the theory of noncentral distribution in multivariate analysis accessible to a much wider audience.

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