

## The Hájek Asymptotics for Finite Population Sampling and their Ramifications

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*Abstract:* In finite population (equal as well as unequal probability) sampling late Jaroslav Hk's contributions to the general asymptotics are fundamental. In the last two decades more research work has been accomplished in this area with the basic ideas germinating from Hk's work. A systematic review of such developments with due emphasis on some martingale formulations is presented here.

*Keywords:*

*AMS Subject Classification:*