## GENERALIZED CHAKRAVERTY–WAGNER DISTRIBUTION

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Summary

A mechanism of the Ostwald ripening of islands in thin films and heterostructures under the simultaneous action of the diffusion and Wagner growth mechanisms is proposed. The island size distribution function and the corresponding time dependences for the average (critical) and maximal dimensions of islands are calculated. The comparison of the experimental histograms with the calculated curves confirms the possibility of practical realization of the proposed growth mechanism in the process of Ostwald ripening.