

THE “SHORT-RANGE ORDERING” FACTOR
UPON RIPENING

A.M. Gusak, G.V. Lutsenko

Bogdan Khmelnytskyi Cherkasy National University
(81, Shevchenko Bld., Cherkasy 18017, Ukraine)

S u m m a r y

The process of the diffusion-driven ripening in binary alloys has been considered for “large” volume fractions of the new phase. A simple “short-range order” model of ripening taking into account the correlations between neighbor particles has been proposed. The evolution of the particle size distribution has been investigated by using the parameters which characterize the width, kurtosis, and skew of a peak.