Evolution of $L1_2$ ordered domains in fcc Cu_3Au alloy

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Abstract

1. Introduction

$$(\sigma) = + \sum (\sigma) + \sum + \sum + \cdots .$$

σ

$$(\sigma) = \sum_{\mathbf{k}} \frac{\Delta \quad (\ , \hat{\ })}{(\ - \ )} | \ (\mathbf{k}, \sigma)| \quad (\mathbf{k})$$

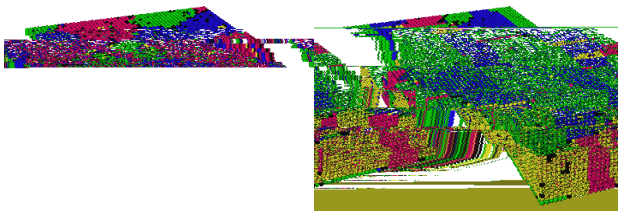
$(\mathbf{k}, \sigma)$ σ

$(\mathbf{k})$ $\Delta \quad (\ , \hat{\ })$

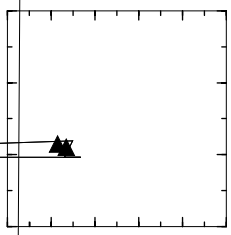
$$(\sigma) = \quad (\sigma) + \quad (\sigma),$$

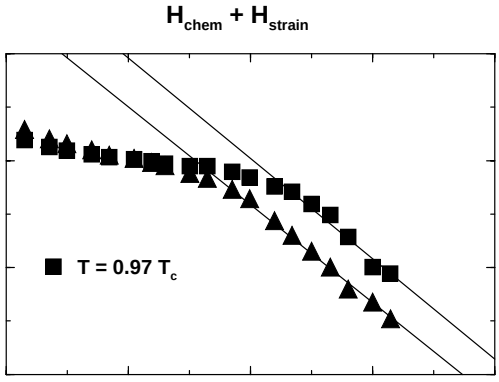
(σ)

(σ)



(a) $H_{chem} + H_{strain}$




$H_{chem} + H_{strain}$
T = 0.97 T_c
Ln[Number of MC steps (mcs)]