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equation:  $\hat{I} = Ae^{iKx} + Be^{-iKx}$  for  $U = 0$ ;  $\hat{II} = Ce^{Qx} + De^{-Qx}$  for  $U = U_0$ ;

(2) For a square well potential, there are 4 boundary conditions. 2 of them are from continuity

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Question 1. Square Lattice, free

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Problem 3.1s According to (3.1) the viscosity  $\eta$  is equal to  $\mu st$ , where  $\mu$  is the shear modulus and  $t$  is a characteristic time of motion of each water molecule;  $t$  is expected to be of the order of the period of molecular vibration  $T$  in ice:  $t = c_1 T = 2\pi c_1 / \omega$ , where  $\omega = c_2 / m e a^2$

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formation criteria for the equi-  
atomic ratio alloys were discussed.  
It is found that higher entropy of  
mixing ( $S_{mix} > 1.61R$ ), less atomic  
size difference ( $\delta < 4.6$ ), and near  
zero of the absolute value of the

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enthalpy of mixing

$(-2.685\delta - 2.54 < H_{\text{mix}} < -1.28\delta + 5.44$  KJ/mol) facilitate the formation of solid solution for the multi-principle components equi-atomic alloys.

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