





Thuy the total energy due to all the ions in the linear array is

$$\frac{-2e^{2}}{4\pi6080} + \frac{2e^{2}}{4\pi60(280)} - \frac{2e^{2}}{4\pi60(380)} + \frac{2e^{2}}{4\pi60(380)} + \frac{2e^{2}}{4\pi60(380)} + \frac{2e^{2}}{4\pi6080} + \frac{2e^{2}}{$$

Thus (2 log 2) is Madelung constt. per molecula of the tonit Solid. Hence (2 Na 1092) is the Madelung constant por mol of the ionic Solid.

priested to violate might second to a (A) however