

# JOURNAL OF SOLID STATE CHEMISTRY

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Cover figure: Structural relationship between (a)  $\text{Gd}_4\text{NiTe}_2$ , (b)  $\text{R}_5\text{M}_2\text{Te}_2$  (R=Er, Y; M=Fe, Ni, Co), and (c)  $\text{Sc}_5\text{Ni}_2\text{Te}_2$  illustrating the alternative condensation modes of the of the single 1-D chain in  $\text{Gd}_4\text{NiTe}_2$ .