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Turkish Journal	Urbach's Rule and Optical Properties for TIGaS ₂
of	Aytunç ATEŞ, Bekir GÜRBULAK, Muhammet YILDIRIM, Seydi DOĞAN, Songül DUMAN, Tacettin YILDIRIM and Sebahattin TÜZEMEN
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Keywords	Abstract: Absorption measurements were carried out on TIGaS ₂ sample in the temperature range
Authors	between 10 and 320 K in 10 K steps. There is an abrupt change in the Urbach energy at 180 K and 280 K and steepness parameter at 120 K and 220 K. Obtained from the changing of the Urbach energy, these may be phase transition temperatures. The phonon energies calculated for $TIGaS_2$ is 19.7 \pm 5 meV.
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