

## S1-1.10

# Near-edge Optical Properties of Layered Tin Sulfide (Selenide) Crystals

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Absorption ( $K$ ), reflection ( $R$ ) and wavelength modulated transmission ( $\Delta T/\Delta\lambda$ ) spectra in SnS, SnS<sub>2</sub> and SnSe crystals were investigated in temperature range from 300 to 10 K. Excitonic states were discovered in all investigated compounds. Parameters of observed excitons and character of electron transitions participating in absorption edge formation were determined. Optical anisotropy in interband gap minimum was investigated.