Figure 4~~,~~ shows ~~a CTSe thin film~~ the XRD pattern of a thin CTSe film obtained by ~~through~~ sequential deposition of thin films of CuSe and SnSe~~, with~~ using a preparation routine ~~like~~ as ~~one~~ that plotted in Fig. 3 ~~and~~ with evaporated masses of Cu and Sn of 0.01 and 0.07 g, respectively. ~~The~~ Figure 4 also ~~showed~~ shows the XRD patterns ~~for films~~ of CuSe and SnSe films~~.~~ These~~y are~~ were compared with the CTSe diffractogram~~my in order~~ to ~~get~~ obtain ~~with a greater degree of accuracy~~ the reflections corresponding to secondary phases in the thin CTSe films with a greater degree of accuracy.

Comment [A1]: The simple present tense is used when referring to Figures/Tables present in text.

Cu_2SnSe_3 thin films were grown ~~with~~ using a~~-~~ method based on sequential evaporation of thin films of CuSe~~,~~ and SnSe in a ~~two~~ two-stage process. Characterization ~~done~~ performed by XRD ~~gave evidence of the~~proved the formation of a compound ~~formation~~ containing predominantly the Cu_2SnSe_3 phase~~;~~, however, the sequence ~~with~~ in which the binary precursors are evaporated and the preparation parameters~~,~~ ~~more~~ significantly affect~~s~~ the phase as well as the structural, optical, and electrical transport~~ation~~ properties of the thin CTSe films. ~~Moreover o~~Optical characterization performed by spectral transmittance measurements revealed that the CTSe films have low transmittance and ~~also~~ poor crystallographic quality, probably associated to structural and native defects, indicating that further studies must be done to improve CTSe film~~s~~ ~~properteis~~properties. Furthermore, ~~The~~ the results revealed that ~~characterize of~~ the Cu_2SnSe_3 films ~~is~~ could be characterized ~~done~~ to ~~get~~ obtain p~~-~~-type conductivity ~~and~~ with an energy band gap (E_g) of around~~somewhat~~ 1.6 eV ~~also~~.

Comment [A2]: Choosing the right technical words to convey meaning eases readability and understanding and maintains technical accuracy.

Comment [A3]: To create an easy flow of ideas, transition words such as however, therefore, moreover, etc. can be used. This usage enhances coherence of ideas in the paragraph and the manuscript on the whole.

Temperature-dependent ~~Conductivity~~ conductivity measurements ~~on temperature dependence~~ revealed that the conductivities~~y~~ of the CTSe films were ~~is~~ predominantly affected ~~with~~ by

the free carrier transport in ~~states of~~ the valence band. In high temperatures ~~ranges~~ (T > 550 K), the increase of σ could be ~~-~~attributed to ~~an~~ the increase ~~of~~ in the carrier density~~ies coming~~ originating from deep acceptor impurities, whereas the change of σ observed in ~~the~~ low temperatures ~~range~~ (T < 350 K) can~~-~~ be attributed to ~~a~~ changes ~~of~~ in the carrier density ~~of carrier coming~~ originating from shallow acceptor impurities associated ~~to~~ with secondary phases.