Abstract Submitted
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Point defects in In_2O_3 KALUM PALANDAGE, GAYANATH FERNANDO, University of Connecticut — Point defects in In_2O_3 were studied using first principles, density functional theory within the local density /local spin density approximation. New results will be reported about the conductivity and magnetism, arising from these point defects. Various systematic corrections were performed to check the validity of the results.

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