Thermoelectric Properties of Nanotube Junctions KEIVAN ESFARJANI, LEIF POORMAN, University of California, Santa Cruz — We calculate the thermoelectric properties of several kinds of carbon nanotube junctions using the Landauer formalism. Several junction geometries are considered, including end-to-end, side-by-side, and crossed tubes. All of these geometries should be present in nanotube mats.