Homework 3

1. Compute the hourly extraterrestrial irradiation on a horizontal surface at your birthplace, for the hour ending at 14:00 (AST) on the day of your birthday.
2. Compute the hourly extraterrestrial irradiation on a horizontal surface at Constanta (latitude $44^{\circ}10'$), for the hour ending at 13:00 (AST) on 21 June.

R:1.227 kWh/m2