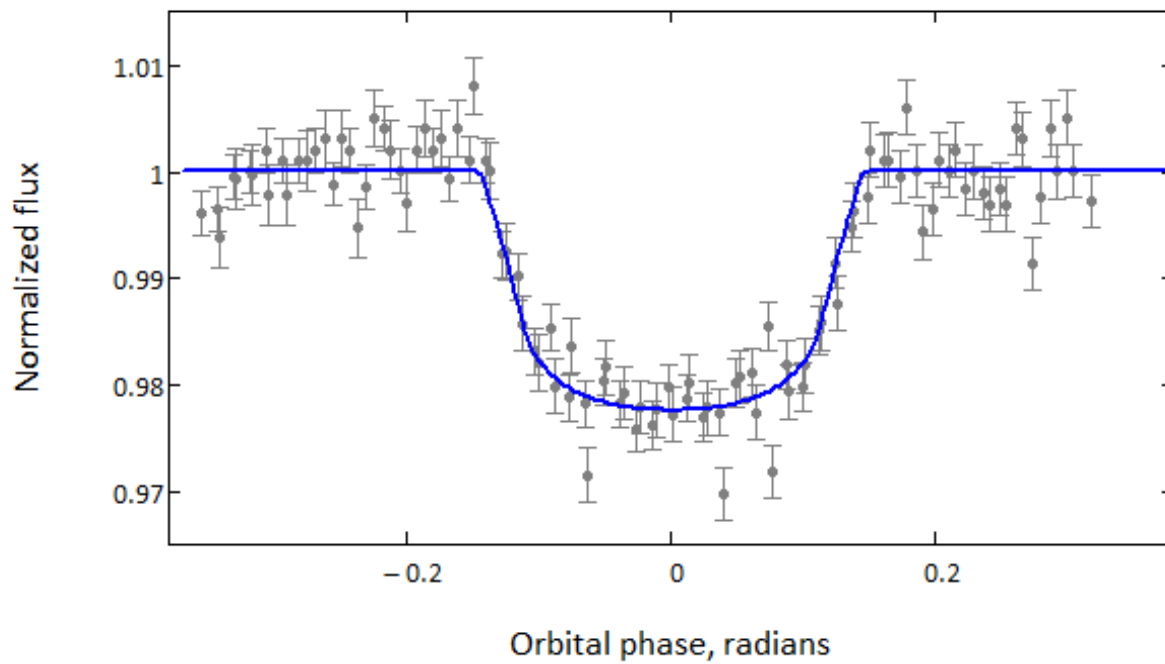




Qatar-4 b

$d = 329$ parsecs

Two transits

P , days 1.8050 ± 0.0003

$p = R_{\text{planet}}/R_{\text{star}}$ 0.14 ± 0.01

a/R_{star} 7.6 ± 0.8

i , degrees 87.8 ± 6.2

LDC u_1 1.260 ± 0.494

LDC u_2 -0.461 ± 0.626

χ^2_R 1.6

Data: the students of ASTR 111, Fall 2024