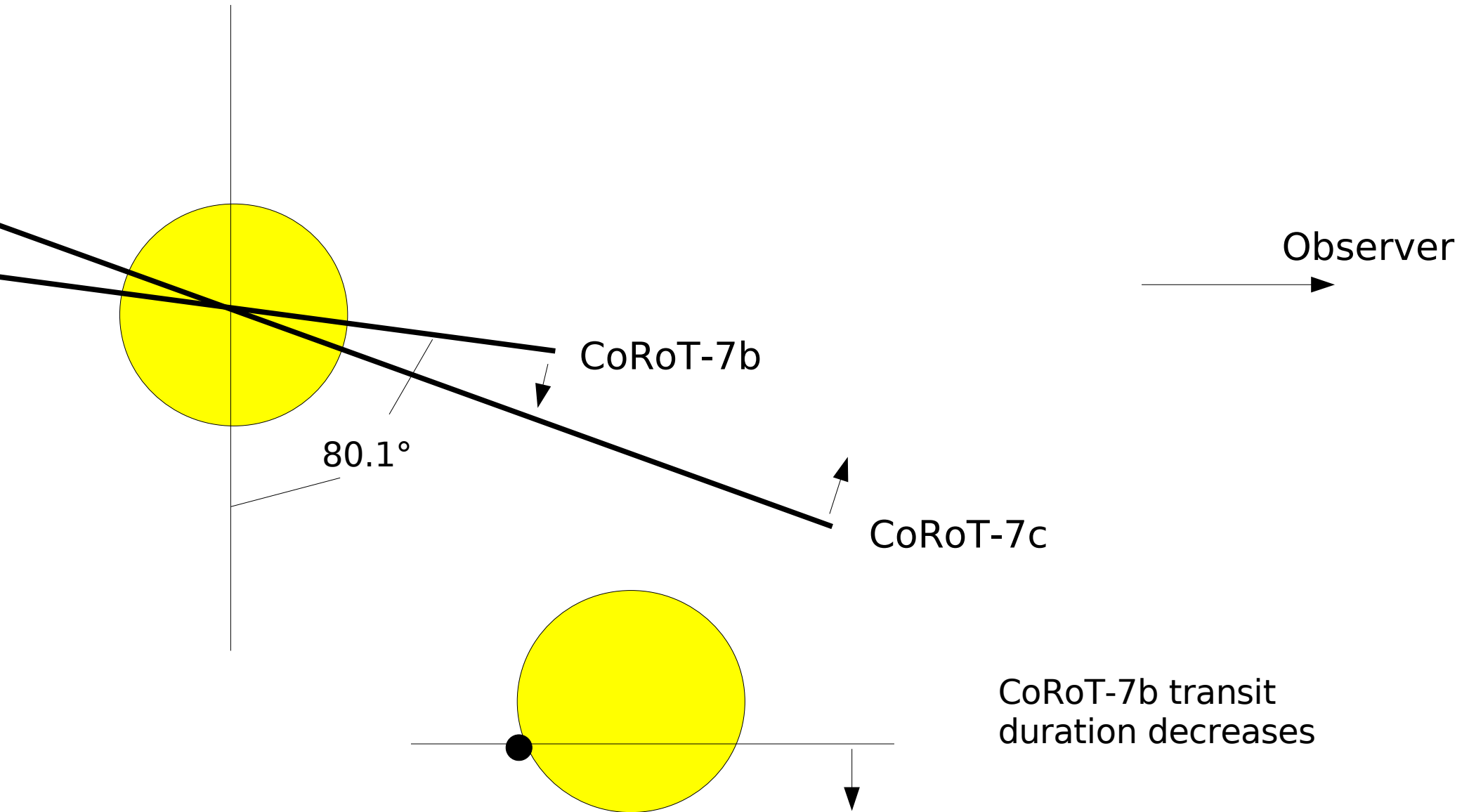
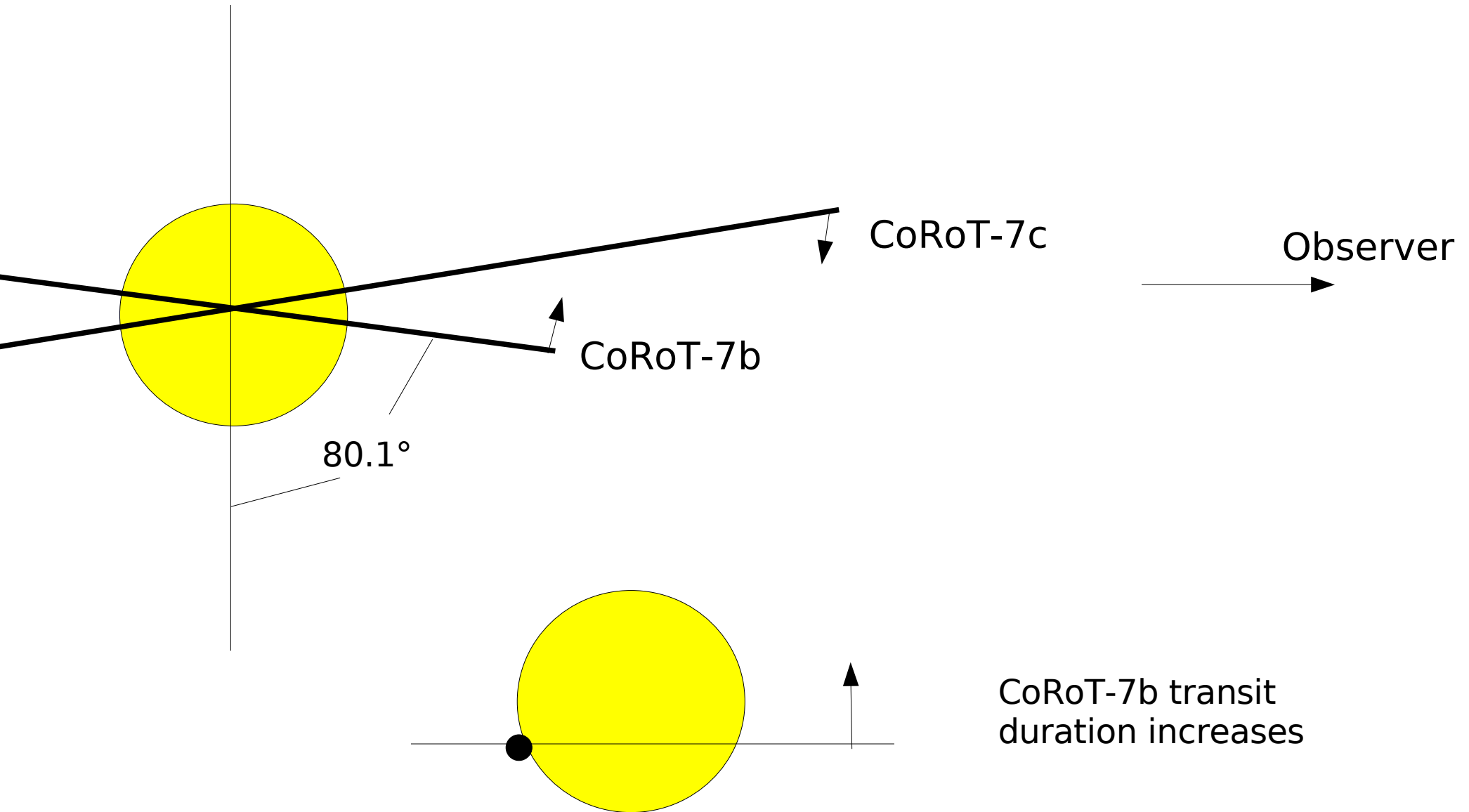


Inclination variation of CoRoT-7b,c



Inclination variation of CoRoT-7b,c

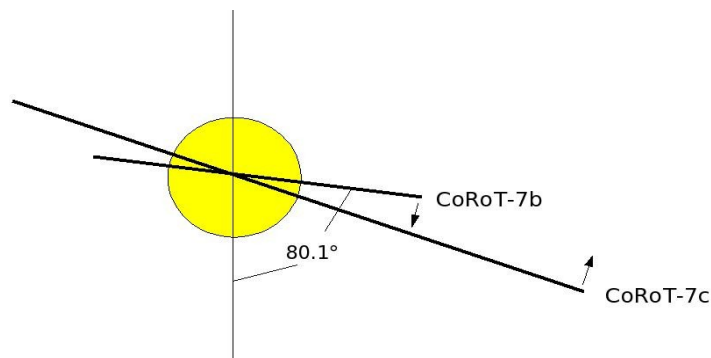


Predicted transit duration variations (TDV)

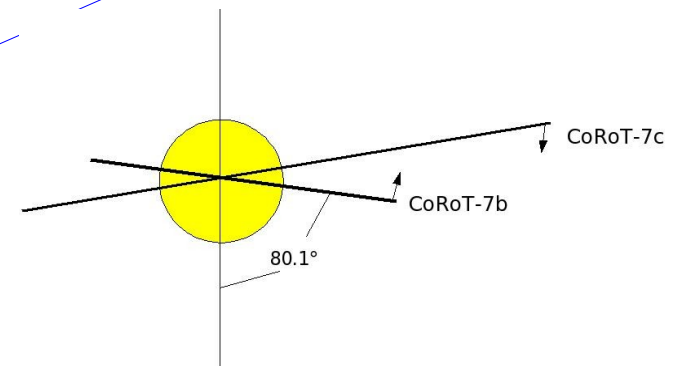
24 Oct 2007

+/- 3.2 min

i [degree]	77.1	77.6	78.1	78.6	79.1	79.6	80.1	80.6	81.1	81.6	82.1	82.6	83.1
Δt_{trans} [min]	-31.9	-24.1	-17.8	-12.4	-7.8	-3.7	77 ²	3.3	6.3	9.0	11.5	13.7	15.8



2012



(Assumption: inclination of CoRoT-7c relative to CoRoT-7b: 30°
Dvorak et al.)

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24 Oct 2007

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2012

Assumption: inclination of CoRoT-7c relative to CoRoT-7b: 30°
 [ex: ups And c, d: 30 deg.]. **Could be more** Dvorak et al.
 TDV accuracy in 1 month exposure: 7 min

At $i < 76.1^\circ$ the transit of CoRoT-7b disappears.

Reciprocally, CoRoT-7c can become transiting **at any time (when $i_c > 84.9^\circ$)**