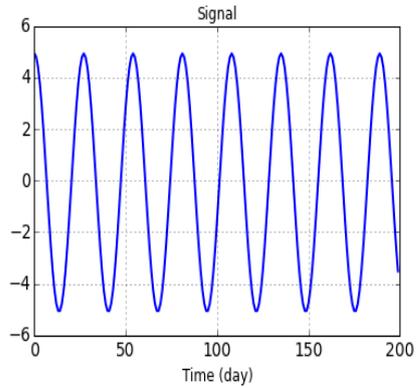


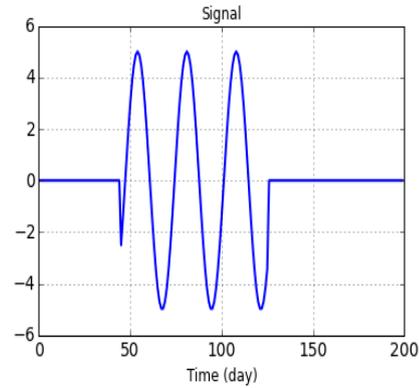
Spectral analysis based on Rufenacht et al., ACPD, 2015.

Signal period $T_s = 27$ days, Time sampling 1 day, Window width = $3T$
Oscillation life time: (a) 200 days, (b) 80 days, (c) and (d) 30 days

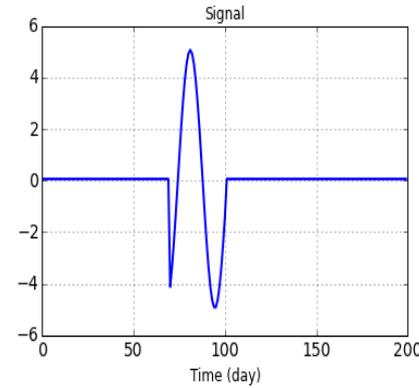
(a)



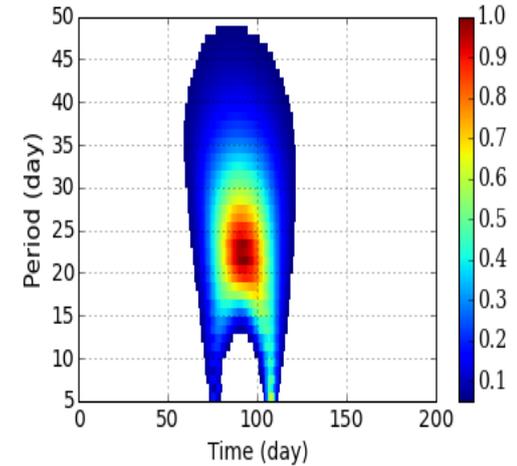
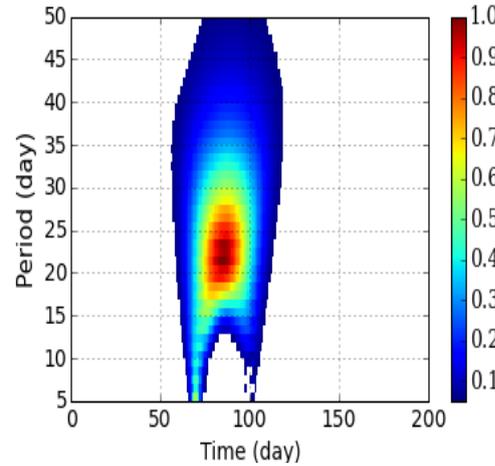
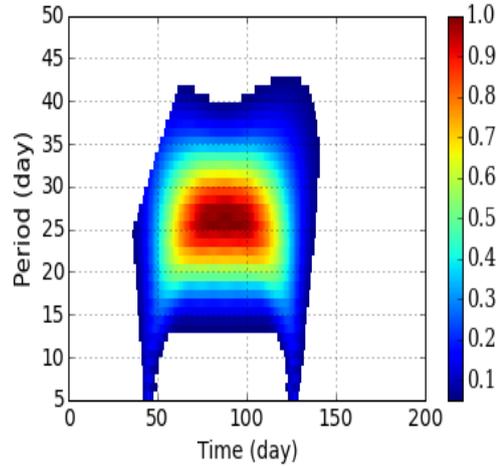
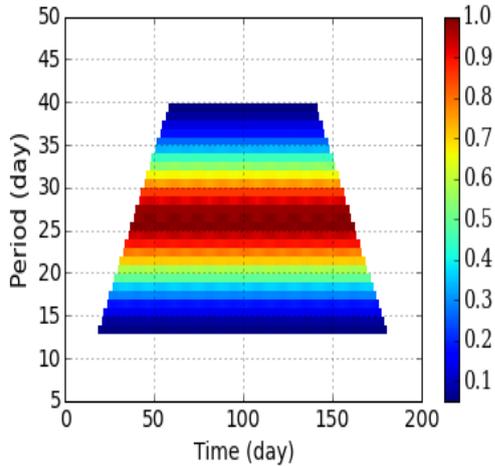
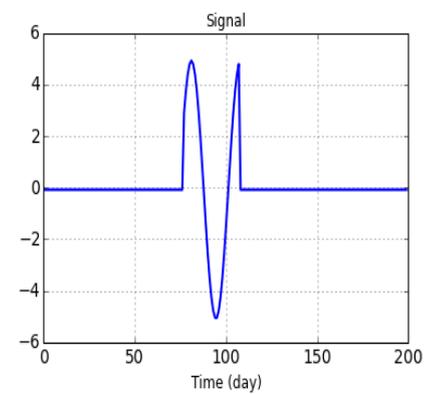
(b)



(c)



(d)



10% randomly distributed missing data and white noise (amplitude 20%)

