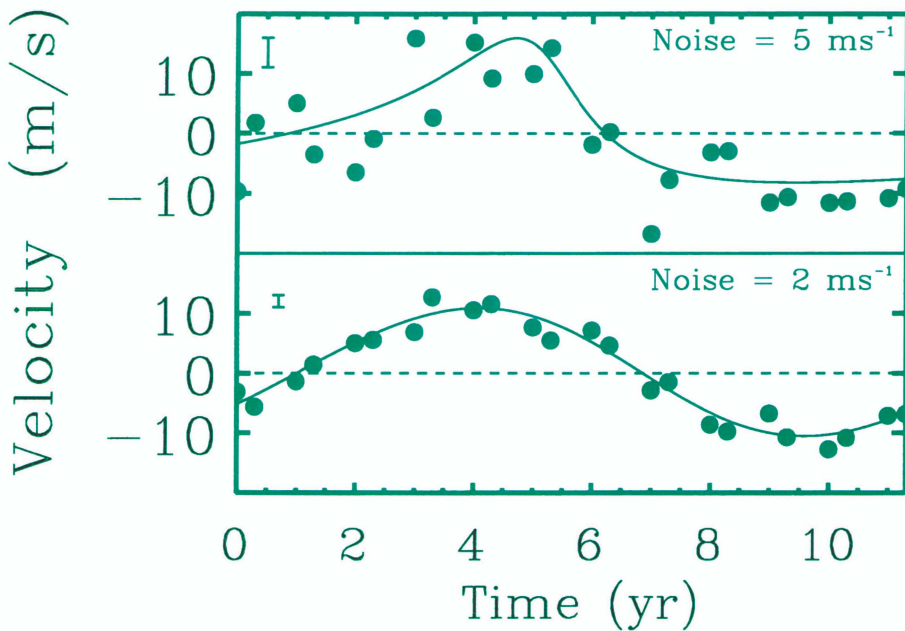


INTERNATIONAL ASTRONOMICAL UNION

SYMPOSIUM NO. 202

# PLANETARY SYSTEMS IN THE UNIVERSE – OBSERVATION, FORMATION AND EVOLUTION

Edited by: ALAN PENNY, PAWEŁ ARTYMOWICZ,  
ANNE-MARIE LAGRANGE and SARA RUSSELL



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OBSERVATION, FORMATION AND EVOLUTION

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*Cover Illustration:* Effect of precision on radial velocity detections

Simulated Jupiter signal observed with a precision of 5 and 2 m s<sup>-1</sup>. Solid lines are best-fit Keplerians to the simulated data sets. With measurement precision of 5 m s<sup>-1</sup>, an unreliable 2 $\sigma$  detection is obtained with no information on the orbital eccentricity. With precision of 2 m s<sup>-1</sup>, a solid 5 $\sigma$  detection is made, and the eccentricity is determined to within  $\pm 0.05$ .

(see Butler, P., et al., this volume, page 3)

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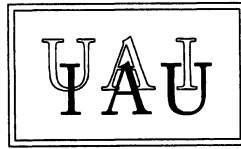
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OBSERVATION, FORMATION AND EVOLUTION**

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