

OJ 287 - deciphered

Based on 120 VLBI epochs
@15 GHz we find evidence for
jet precession + **jet nutation**

Credit: Hotaka Shiokawa

UMRAO single-dish @14.5 GHz

- Our VLBI-results explain:
- long-term radio variability: **jet precession**
 - short-term radio variability: **jet nutation**
 - the jet works like a clock
 - optical periodicity – all Synchrotron emission
 - viewing angle changes and Doppler beaming – **variability is due to jet motion!**

