

**THE TREE PROPERTY AT THE DOUBLE SUCCESSOR OF A  
MEASURABLE**

NATASHA DOBRINEN

We say that the tree property holds at a cardinal  $\kappa$  iff there are no  $\kappa$ -Aronszajn trees. We show that the following statements are equiconsistent:

- (1) The tree property holds at the double successor of a measurable cardinal.
- (2) There is a weakly compact hypermeasurable cardinal.

This work is joint with Sy-David Friedman.