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Jitka Stehnova* (jstehnov@math.uiowa.edu), Department of Mathematics, 14 MLH, University of Iowa, Iowa City, IA 52242. *Theta Correspondence for Unitary Groups in Two Variables.*

We will discuss the pairing of supercuspidal representations in the theta correspondence associated to a reductive dual pair $(U(1, 1), U(2))$ over p -adic field with p -odd. We will use the theory of types and lattice models. These results are part of my Ph.D.dissertation under the supervision of Prof. Manderscheid. (Received September 16, 2007)