1147-00-506 Min-Joo Jang* (min-joo.jang@hku.hk), Ben Kane, Winfried Kohnen and Siu Hang Man.

Product formulas and theta functions. Preliminary report.

In this talk, we consider a certain family of theta functions, and prove that they vanish only at cusps. Consequently these theta functions have product expansions. This is joint work in progress with Ben Kane, Winfried Kohnen, and Siu Hang Man. (Received January 25, 2019)