The final result in [1] is true in a much more general context than it is stated. In particular, Definition 4.13, Proposition 4.14, and the proof thereof all apply word for word to the case when the $g_i$ are bounded Borel measurable functions, rather than continuous as stated in the paper. This eliminates a much larger class of putative finite-dimensional representations for the set of correlated equilibria of a polynomial game.

References