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Debraj Chakrabarti* (debraj@math.tifrbng.res.in), Centre for Applicable Mathematics, Tata Institute of Fundamental Research, Sharadanagara, Chikkabommasandra, Bangalore, Karnataka 560 065, India, and **Kaushal Verma** (kverma@math.iisc.ernet.in), Department of Mathematics, Indian Institute of Science, Bangalore, Karnataka 560 012, India. *Condition R and holomorphic maps of piecewise smooth domains.*

We consider biholomorphic and proper maps between some classes of piecewise smooth domains and show that these maps extend smoothly up to the boundary. The domains considered include product domains, and domains in which the corners are generic CR manifolds. The source is assumed to satisfy Condition R, and the proof for the smooth case may be adapted to this situation. This leads to results of the Poincaré type on the biholomorphic inequivalence of classes of domains. (Received September 05, 2012)