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Dragomir Saric* (dragomir.saric@qc.cuny.edu), Department of Mathematics, Queens College, 65-30 Kissena Blvd., Flushing, NY 11367. *Shear coordinates and circle maps.*

We give parametrizations of several classes of circle maps in terms of shear coordinates on the Farey tessellation. Applications to Teichmüller theory will be outlined. (Received December 03, 2012)