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Previously, M. Dorff proved that the harmonic convolution of a normalized right half-plane mapping with either another normalized right half-plane mapping or a normalized vertical strip mapping is convex in the direction of the real axis, provided that it is locally univalent. This result has formed the basis of many current research papers. In this talk, we prove a similar result but this time for the harmonic convolution of a normalized square mapping with a normalized polygonal mapping or a normalized half strip mapping is convex in the direction of the real axis, provided that it is locally univalent. (Received September 22, 2015)