1102-05-232   **Mihai Ciucu*** (`mciucu@indiana.edu`), Department of Mathematics, Indiana University, 831 East 3rd Street, Rawles Hall, Bloomington, IN 47405, and **Ilse Fischer** (`ilse.fischer@univie.ac.at`), Institut für Mathematik, Universität Wien, Oskar-Morgenstern-Platz 1, 1090 Wien, Austria. *A triangular gap of size two in a sea of dimers on a 60 degree angle.*

We consider a triangular gap of side two in a 60 degree angle on the triangular lattice whose sides are zig-zag lines. We study the interaction of the gap with the corner as the rest of the angle is completely filled with lozenges. We show that the resulting correlation is governed by the product of the distances between the gap and its five images in the sides of the angle. This provides a new aspect of the parallel between the correlation of gaps in dimer packings and electrostatics developed by the first author in previous work. (Received July 29, 2014)