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Review text:

On an equidistant one-dimensional lattice of integers i the discrete Laplacian may be represented by the one-step or two-step second-order difference operators $\triangle(1)$ or $\triangle(2)$, respectively. In such a setting the equation $\triangle(1)\phi = \triangle(1)Z$ possesses a 'local' solution $\phi(i) = Z(i+1) + 2Z(i) + Z(i-1)$. The author describes a generalization of this observation to two dimensions (honeycomb lattice, with the doubling of distances replaced by the doubling of angles) and to three dimensions (a body-centered tetrahedral lattice, with the doubling of angles replaced by the doubling of spherical angles).