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**Diane L. Herrmann\*** ([diane@math.uchicago.edu](mailto:diane@math.uchicago.edu)), Department of Mathematics, 5734 South University Avenue, Chicago, IL 60637. *Diaper Pattern in Needlepoint.*

Informally stated, a diaper pattern in decorative art is one that has visual diagonals in two different directions. Needlepoint canvas, because of its evenweave construction, is well suited to the creation of diaper patterns. The relationship of diaper patterns to the 17 wallpaper groups will be discussed. Many examples of needlepoint diaper patterns will be shown, including how the use of color in a single pattern can aid in identification of the symmetry. (Received September 12, 2008)