

1047-37-345

Judy Anita Kennedy* (kennedy9905@gmail.com), Dept. Mathematics, PO Box 10047, Lamar University, Beaumont, TX 77710, and **Barry Peratt**, Dept. Mathematics, Winona State University, Winona, MN. *Simple discrete 3D stirring models*. Preliminary report.

We investigate, both rigorously and numerically, several discrete stirring models. We believe these models mimic actual stirring in tanks. (Received February 02, 2009)