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Ramanjit K Sahi* (sahir@apsu.edu), Austin Peay State University, Mathematics Department, P.O. Box 4626, Clarksville, TN 37044, and **Mieczyslaw K. Dabkowski** (mdab@utdallas.edu), The University of Texas at Dallas, Department of Mathematical Sciences, P.O. Box 830688, EC 35, Richardson, TX 75083. *4-Moves on Links up to Two Components.*

We consider the oldest elementary move conjecture by Nakanishi called 4-move conjecture. We extend known results concerning reducibility of knots by 4-moves. The modification of the conjecture to 2-component homotopically trivial links is a question proposed by Kawauchi. We show that Kawauchi's question has a positive answer for all 2-component links up to 10 crossings. We discuss possible new invariants of links that are preserved by 4-moves, their limitations. (Received September 18, 2007)