## JAMES CURRIE, University of Winnipeg, 515 Portage Ave., Winnipeg, MB R3B 2E9 $On\ k$ -avoidability of abelian powers and patterns

We give results and interconnections concerning

- (1) avoiding abelian r-powers (r integer or fractional);
- (2) avoiding long abelian squares and cubes;
- (3) abelian k-avoidability of binary patterns.