List of Frequently Used Abbreviations

**PDE** partial differential equation
**ODE** ordinary differential equation
**DB** discrete breather
**NLE** nonlinear localised excitation
**ILM** intrinsic localised mode
**DST** discrete self-trapping model
**NDKG** nonlinear discrete Klein-Gordon (equation)
**DNLS** discrete nonlinear Schrödinger (equation)
**PWL** piecewise linear (function)
**PWS** piecewise smooth (function)
**AL** Ablowitz-Ladik (lattice)
**RWA** rotating wave approximation
**FPU** Fermi-Pasta-Ulam (model)
**KG** Klein-Gordon (model)
**sG** sine-Gordon (model)
**AC** anticontinuous (limit)
**IFT** implicit function theorem
**SW** standing wave