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Towards a description of cold and dense QCD with an effective lattice theory

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Over the last two years, a 3d effective lattice theory has been developed by means of strong coupling and hopping expansions, which
is a valid description of QCD with large quark masses and has only a mild sign problem. This contribution summarises the extension of the effective theory to order kappa^4 and from one to two flavours. The theory is applied to a description of the nuclear liquid gas transition which is compared to the behaviour at finite isospin chemical potential.

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