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Thermal convection, energy stability theory, viscous fingering, and capillary attraction: a 40 year interaction with Dan Joseph G.M. HOMSY, Depts. of Mathematics and of Mechanical Engr., UBC — Dan Joseph made major contributions to all the topics in the title. These topics are also areas of interaction between Dan and the speaker that began in 1969 and continued for 40+ years. This talk will report on our recent work on capillary attraction between floating particles and, as time allows, will include some reminiscences.

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