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## Where photons meet phonons

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# Where photons meet phonons

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The back cover shows an optical image of a trampoline resonator fabricated by Matthew Weaver at UCSB. This trampoline resonator is used throughout this thesis to investigate the interaction of a mechanical resonator coupled to an optical cavity.

We zijn hier aan de oever van een machtige rivier  
De andere oever is daarginds, en deze hier is hier  
De oever waar we niet zijn noemen wij de overkant  
Die wordt dan deze kant zodra we daar zijn aangeland  
En dit heet dan de overkant, onthoudt u dat dus goed  
Want dat is van belang voor als u oversteken moet  
Dat zou nog best eens kunnen, want er is hier veel verkeer  
En daarom vaar ik steeds maar vice versa heen en weer

Drs. P  
uit: *Veerpont*  
Polydor, 1973



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