(a) DCS setup at the initial time   **(b)** Size fractionation after a time t

Figure 5.1 | Scheme of the differential centrifugal sedimentation technique. a) A DCS setup consists of a disc rotating with a speed Ω filled with a gradient liquid with average density ρ_f. At a certain distance of the point where the particles are injected, the attenuation of the light beam is measured. b) After a time t, the particles are separated due to the centrifugal force depending on their size, where larger particles are detected earlier than smaller ones.