decorations.pathreplacing,angles,quotes shapes.geometric,shapes.misc calc [<->] (0, -1.625) – (0, 1.625) node[left] y; [<->] (-4.0*1.625, 0) – (4.0*1.625, 0) node[below] x; in -3, -1, 1, 3 (2*,.05) – (2*, -.05); (-2*,.05) – (-2*, -.05); <1-2> [,thick] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); <2> [,thick,xscale=-1] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); in -1, 1 [gray,shift=(4*, 0)] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); [gray,xscale=-1,shift=(4*,0)] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); <3> in -1, 0, 1 [SuperLightGray,shift=(4*, 0)] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); [SuperLightGray,xscale=-1,shift=(4*,0)] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); [, domain=-2:2, thick, smooth, variable=] plot (, cos(deg(pi*/2))); [fill=white] (0,1) circle (.05); [fill=white] (2,-1) circle (.05); <4> in -1, 0, 1 [SuperLightGray,shift=(4*, 0)] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); [SuperLightGray,xscale=-1,shift=(4*,0)] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); [, domain=-2:2, thick, smooth, variable=] plot (, cos(deg(pi*))); [fill=white] (0,1) circle (.05); [fill=white] (2,1) circle (.05); <5-> in -1, 0, 1 [SuperLightGray,shift=(4*, 0)] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); [SuperLightGray,xscale=-1,shift=(4*,0)] plot [smooth,tension=1] coordinates (0,0.1) (0.5, 0.8) (1,0.2) (1.5, 0.4) (2,0.5); [, samples=200,domain=-2:2, thick, smooth, variable=] plot (, cos(deg(3*pi*/2))); [fill=white] (0,1) circle (.05); [fill=white] (2,-1) circle (.05);