

Department of Informatics University of Oslo
Outline
Introduction (why and how)
Integrators and filters
Gain circuits
Noise and charge injection

























UIO: Department of Informatics University of Oslo Integrator parasitic capacitance $\int_{v_1(n)}^{c_{p3}} \underbrace{f_{p2}}_{e_{p1}} \underbrace{f_{p2}}_{e_{p2}} \underbrace{f_{p3}}_{e_{p1}} \underbrace{f_{p2}}_{e_{p2}} \underbrace{f_{p3}}_{e_{p1}} \underbrace{f_{p3}}_{e_{p2}} \underbrace{f_{p3}}_{e_{p3}} \underbrace{f_{p3}}_{e_{p3}}$























































