7 relate Ke (115/2) to R. R. 2 3, 6 in the circust simplifies to Ke (7+5 P+5) = Clooks live a voltage cluriler P= R2 S=R, Z= = then we get 1+RC - re for felter may lev system w/ sensor f(Io, 70)+ Koi+Kxx-mg=Ki+Kxx Desirie Position loan line a differential anylations out put offset dV = R, +R2 + dR dI - R2 dI At R, dt at TR, dt Current offset Circut inverting amplifier Vin(t) - V_(t) = i (t) R Vout = 10K Vin = Volt) = R3 10x+dR+P3