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types of amplifier topologies. Lecture 18: Feedback The positive feedback adds the reference input, $R(s)$ and feedback output. The following figure shows the block diagram of positive feedback control system. The concept of transfer function will be discussed in later chapters. For the time being, consider the transfer function of positive feedback control system is, Where, LECTURE NOTES ON CONTROL SYSTEM - crectirupati.com Therefore, we have to properly choose the feedback in order to make the control system stable. Effect of Feedback on Noise. To know the effect of feedback on noise, let us compare the transfer function relations with and without feedback due to noise signal alone. Consider an open loop control system with noise signal as shown

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- Concepts – electromechanical feedback, PID control.
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