

BAB II TEKNIK PENGENDALIAN UMPAN BALIK

- 2.1. Type Umum Konfigurasi Pengendalian
- 2.2. Konsep Dasar Pengendalian Umpam Balik
- 2.3. Kelebihan dan Kekurangan Sistem Umpam Balik

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Kompetensi

- 2. mampu menjelaskan konsep dasar sistem pengendalian umpan balik dan sistem pengendalian lain
- a) menjelaskan falsafah dasar sistem pengendalian
- b) menjelaskan berbagai macam blok diagram sistem pengendalian
- c) menjelaskan berbagai variabel dalam sistem pengendalian
- d) menjelaskan berbagai istilah dalam sistem pengendalian
- e) menjelaskan berbagai respon sistem pengendalian
- f) menjelaskan tipe umum konfigurasi sistem pengendalian
- g) menjelaskan konsep dasar sistem pengendalian umpan balik
- h) menjelaskan konsep dasar sistem pengendalian umpan balik utk mengendalikan peralatan proses
- i) menjelaskan kelebihan dan kekurangan sistem pengendalian umpan balik

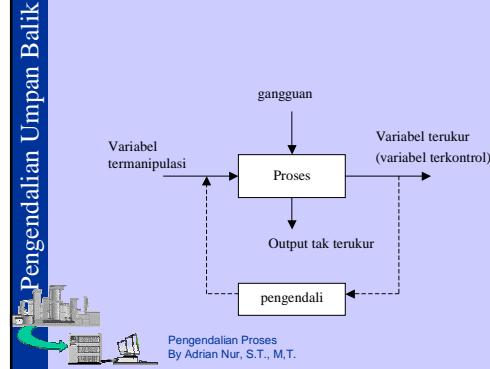
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2.1. Type Umum Konfigurasi Pengendalian

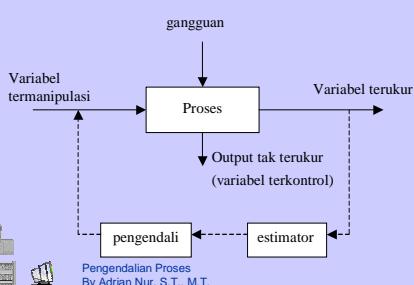
- 1. Konfigurasi Pengendalian Umpam Balik
- 2. Konfigurasi Pengendalian Inferensial
- 3. Konfigurasi Pengendalian Umpam Maju

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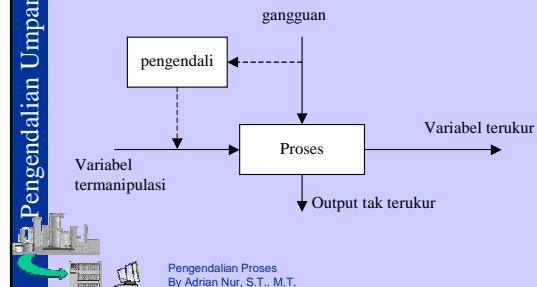
Konfigurasi Pengendalian Umpam Balik

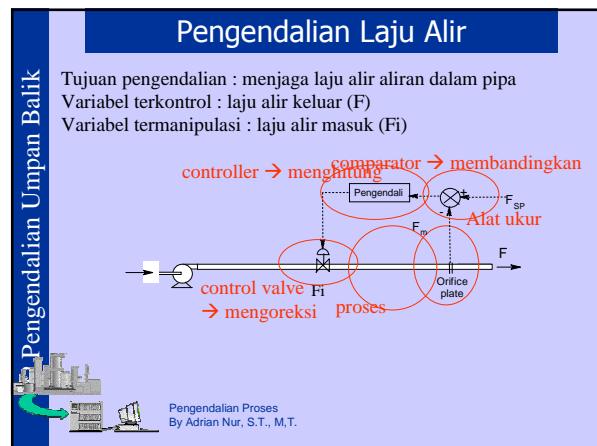
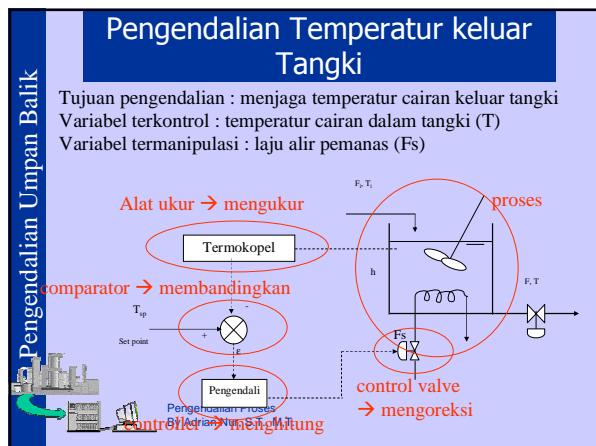
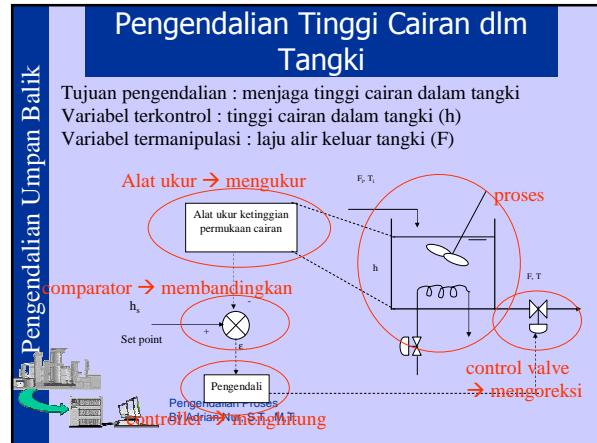
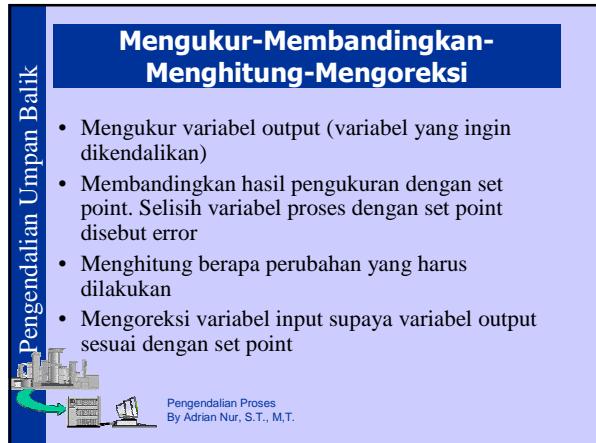
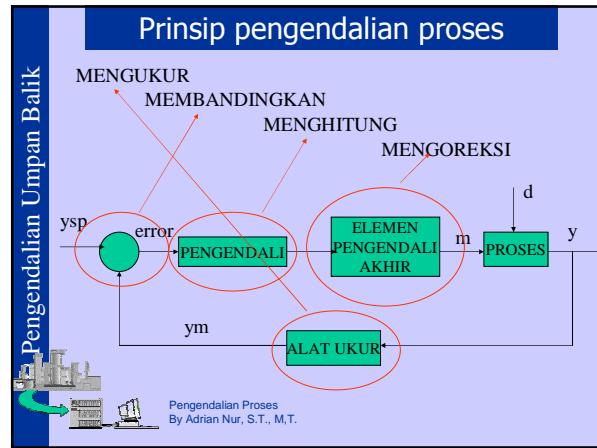
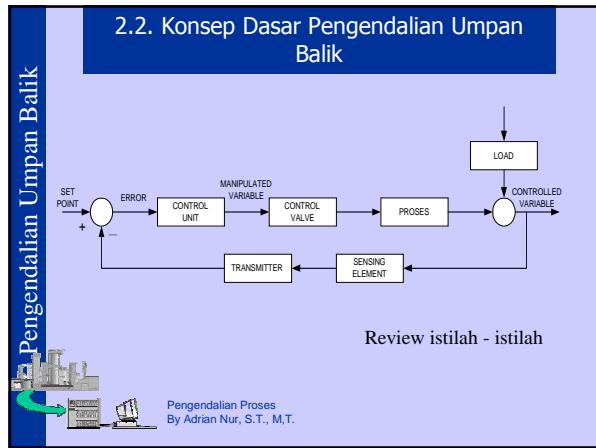


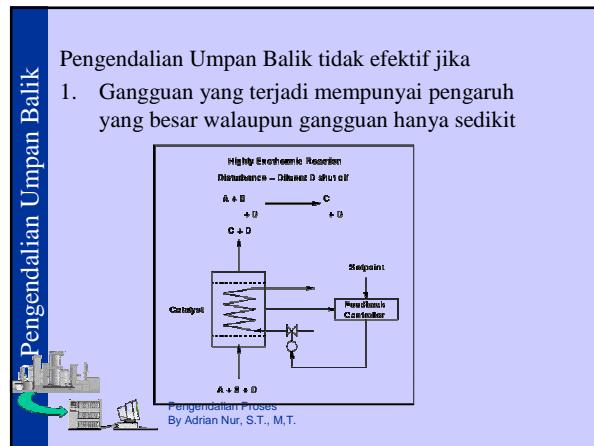
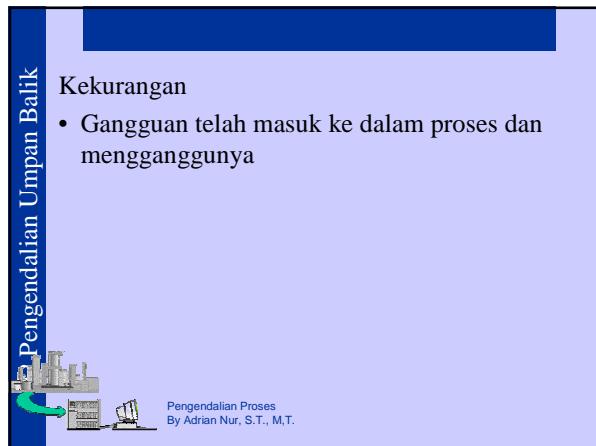
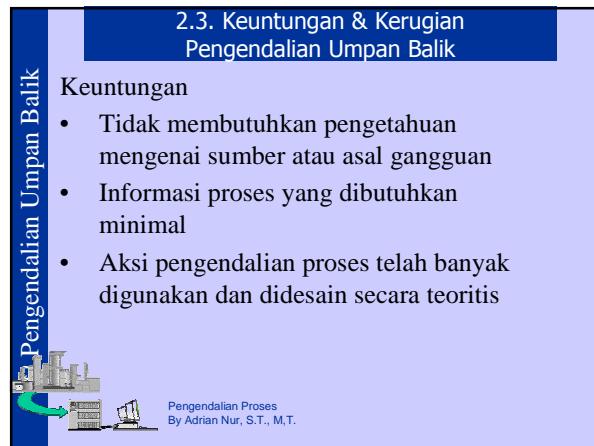
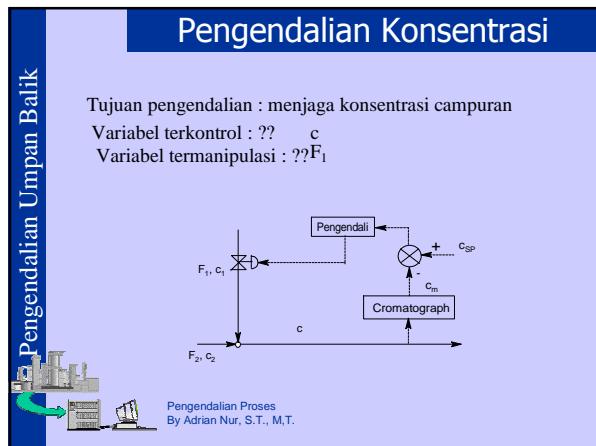
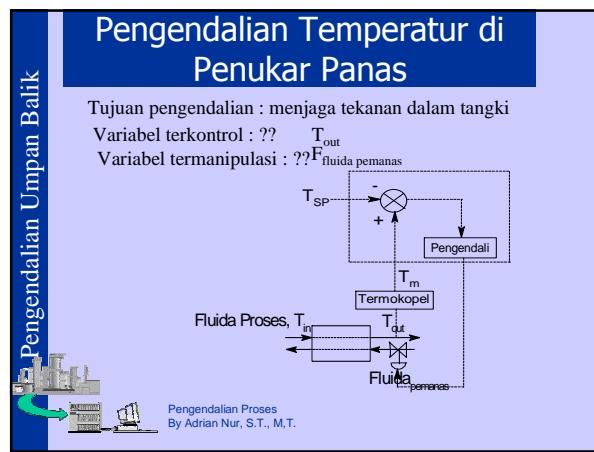
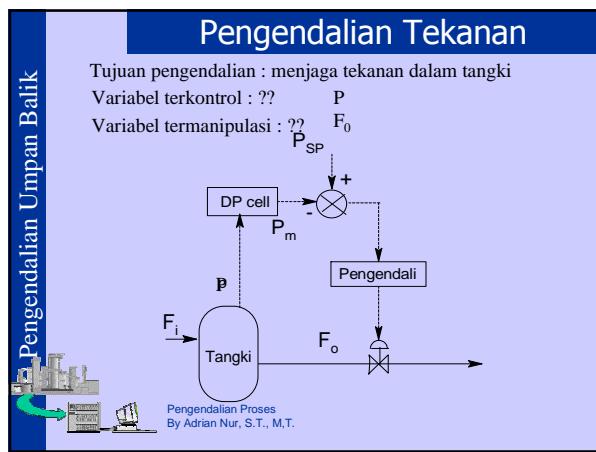
Konfigurasi Pengendalian Inferensial



Konfigurasi Pengendalian Umpam Maju







Pengendalian Umpan Balik

2. Waktu tunggu (delay time) sangat besar (lama)

The diagram illustrates a process flow for a chemical reactor. Reactant A enters a Mixer, which then feeds into a Heat Exchanger. The output of the Heat Exchanger goes to a Reactor. Following the Reactor is a Separator, which produces a By-Product and a Product. A Feedback Controller is connected to the Reactor and the Separator. Reactant B is introduced at the top right, entering the system via a valve. A pump is shown at the bottom left.

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Pengumuman

- Minggu depan libur lebaran
- Tugas 1 lihat di web
- Minggu berikutnya kuis 1

Pengendalian Umpan Balik

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