SOLOMON ICHECHUKWU FRANCIS

13/ENG01/010

CHE 531 – PROCESS DYNAMICS AND CONTROL

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| FEEDBACK CONTROL SYSTEM | FEED-FORWARD CONTROL SYSTEM |
| 1. It measures a value and react with change in value. 2. The error correction method is used to get the output close to the desired value. 3. Corrective action is taken after disturbances affect thee output. 4. Variables are adjusted depending on the errors gotten. | It may measure a secondary value in addition to the primary one.  The behavior of the output should be predictable.  Corrective action is taken before disturbances affect the output.  Variables are adjusted based on prior knowledge and predictions |

Feedback control and feed-forward control are both reactive systems because they are both reactive to the conditions that the systems find themselves in, and they both can be used in a control system.