

**International Master's Programs of Chemical Engineering in the Graduate School of Engineering,
Kyushu University (Academic Year from October, 2026)**

Subject : Process Control

$$(1.1) \quad \frac{3}{s+2}$$

$$(1.2) \quad y(t) = \frac{3}{2}(1 - e^{-2t})$$

$$(1.3) \quad 0.347$$

$$(2.1) \quad K = 8$$

$$(2.2) \quad 12.0 \text{ dB}$$

$$(2.3) \quad \frac{1}{3}$$