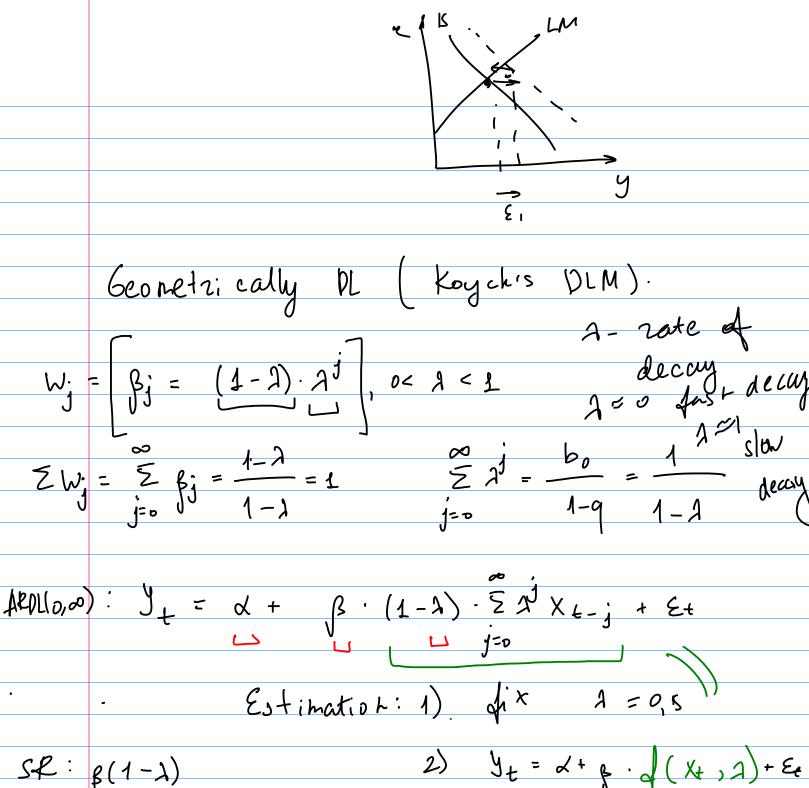
DLM

y < X

ARDL (p, 9)

if et - autocorr. => yt-1 y+ = do + d1 (y+-1) + ... + dy+-p+ Bo·Xt - B1·Xt-1 + --- + B9Xt-g + (Er) しろん ARDL(a 00) ARDL (1,0) DLM Geometrically DL (Koyck's DLM) Polymmial DL (Almon's DLM) AROL (0,4) $J_{+} = J_{+} \times \sum_{j=0}^{\infty} X_{j} \times \sum_{j=0}^$ AROL (1,0) L AKPL(0, 00) Zp; < 20 APDL (46) SR: Bo - ARDL (0,00) y= x + Bo · x + g, . x + LR: ZBj



SP:
$$\beta(1-\lambda)$$
 Estimation: 1). $\phi_{1} \times A = 0.5$

SP: $\beta(1-\lambda)$ 2) $y_{t} = \lambda + \beta \cdot A(x_{t}, x_{t}) + \epsilon_{t}$

LP: β Ly RSS

3) Min RSS

Autoregressive Jorn: Et, 2651 Yt = do + foxt + 24t-1 + NE

SR:
$$g_0 = g(r\lambda)$$

LR: $g_0 = g(r\lambda)$
 $g_0 = g_0 \times r + g_0 \times r + g_0 \times r$
 $g_0 = g_0 \times r + g_0 \times r + g_0 \times r$
 $g_0 = g_0 \times r + g_0 \times r + g_0 \times r + g_0 \times r$

Polynomially DL (Almoris DLM)

 $g_0 = g_0 \times r + g_0 \times r$

