-> Practice exams, review HW/ 015

TOPICS to review

- 1) Steady-state 10 conduction w/o generation
- 2) Lesistanu concepts
- 3) Steady-state ID conduction w/ generation
- 4) Extended surface approximation
- S) Analytical Solin for extended surfaces
- 6) Fin behavior
- 7) Fin efficiency & resistance
- 8) Numerical solutions to 1.055 conduction
- n) 55 1-0 w/o Gen
 - 1) Oraw CV

- BC'S important for
- 2) write e-bal
- branks proties \$ solving constants
- 3) Taylor expansion
- y) Sub. rate laws 5) solve oble (typically separable)
- 2) Resistance

IN Series, largest IR is most imp.

" parallel, smakest it is most imp.

Rrad & DT

3) SSID cond w/ aren

$$g = g''' V$$

$$g = \begin{cases} g''' + w dx \\ g''' \pi R^2 dx \end{cases} g = g'' 2 \pi r L dr \qquad g = g''' u \pi r^2 dr$$

	plane	سماا	Cylinder	5phere
Governing diff ea				
T gmd				
ner. sol.				

4) Extended surface

Use al to see it Tis Choser to Too or To