

제 12 강

제 14 장 : 선형 설계

삼성중공업 계약학과 선체저항

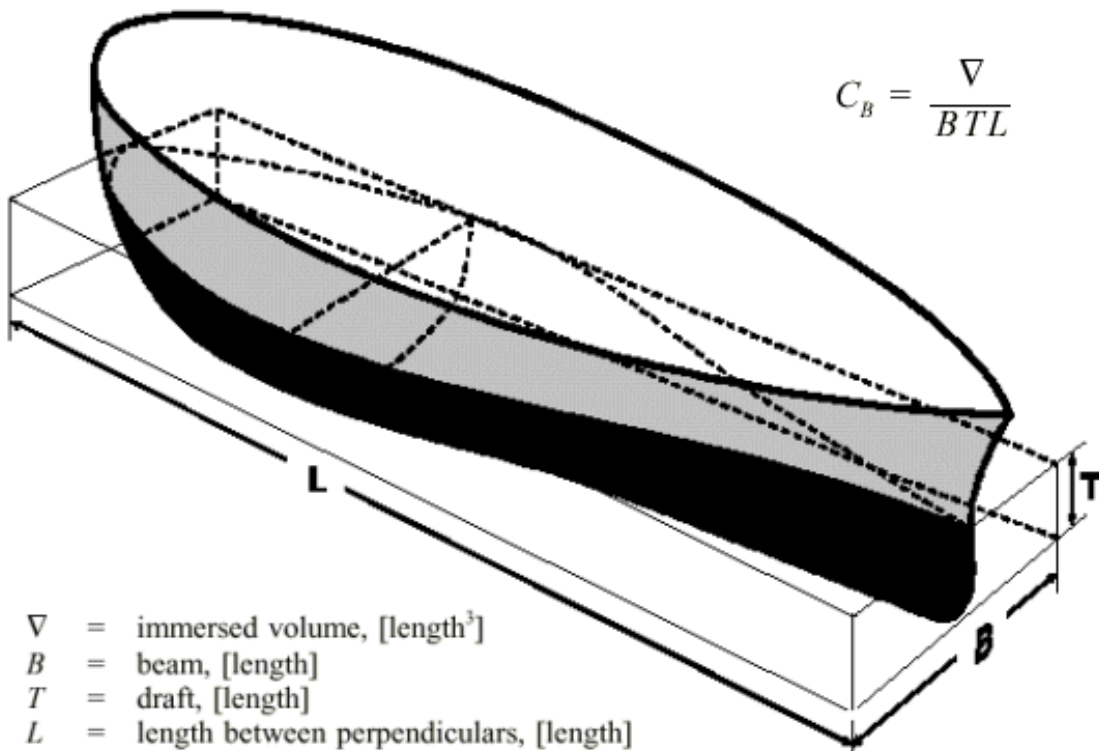
2013년도 봄학기

(2013. 5. 27)

담당교수 : 이 인 원

방형계수 C_B

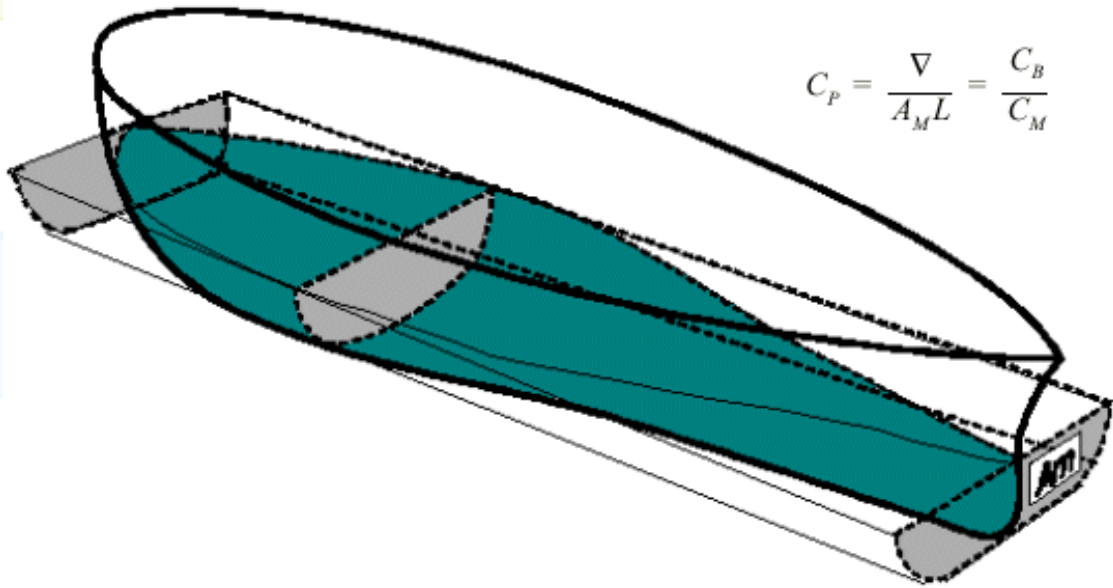
$$C_B = \frac{\nabla}{BTL}$$



- ∇ = immersed volume, [length³]
- B = beam, [length]
- T = draft, [length]
- L = length between perpendiculars, [length]

주형계수 C_P

$$C_P = \frac{\nabla}{A_M L} = \frac{C_B}{C_M}$$



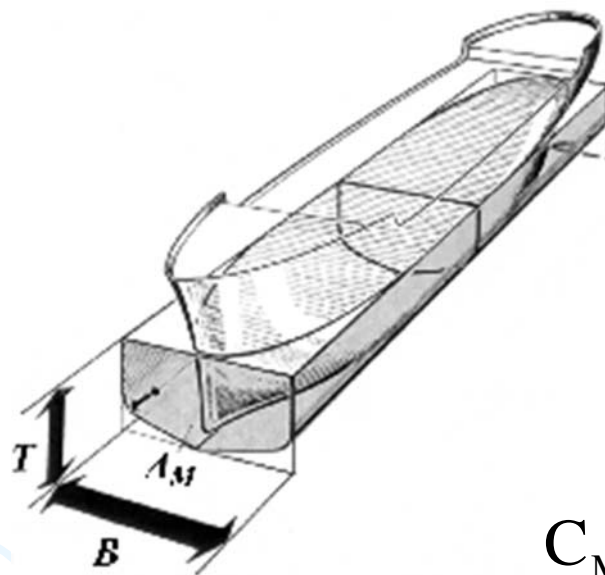
∇ = immersed volume, [length³]

A_M = area of the immersed portion of the midships section, [length²]

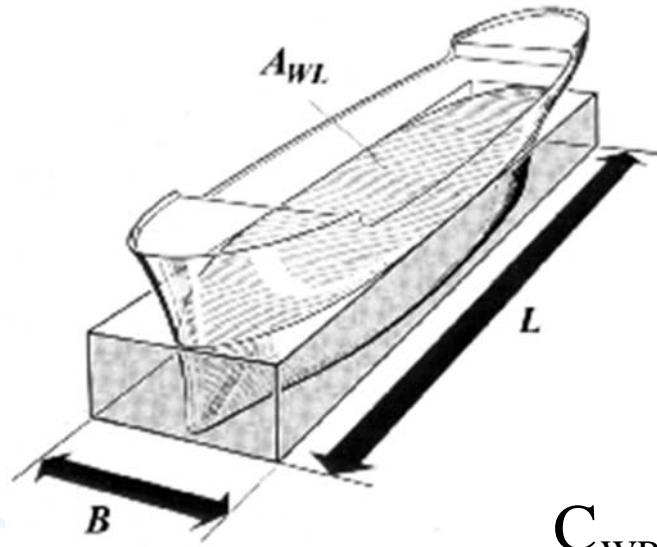
L = length between perpendiculars, [length]

중앙횡단면적계수 C_M

$$C_M = \frac{A_M}{B \cdot T}$$



수선면계수 C_{WP}



$$C_{WP} = \frac{A_{WL}}{B \cdot L}$$