EMENTAS DAS DISCIPLINAS DE TÓPICOS DO PROGRAMA DE ENGENHARIA MECÂNICA

1º Semestre de 2025

AC – Térmica e fluidos

IM450/A – Tópicos em Mecânica dos Fluidos: fundamentos de escoamento bifásico

Docente: Ricardo Augusto Mazza

Ementa: definições básicas e mapas de padrão; frações e sua determinação; determinação de fator de atrito; modelos mecanicista; emulsão; propriedades da mistura; inversão de fases; modelo mecanicista e equaçõs constitutivas; modelo drift-flux e relações de drift; relações de fechamento; modelo slug-tracking.

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