



North South University

Lab Report 1

Power Systems

Course Code: EEE362L

Section: 02

Course Instructor

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Why phase sequence is important?

→ To perform parallel operation of three phase transformers we need to know phase sequence. Besides, the rotational direction of the three phase induction motor depends upon its sequence of phase.

How to change phase sequence?

⇒ Phase rotation can be reversed by swapping any two of the three hot leads. Simply, we can say, if we interchange any two of the wire the phase sequence will change automatically.

What is phase sequence?

⇒ Phase sequence is the order of a polyphase AC source by which we can determine the voltage waveforms & would reach their peaks.

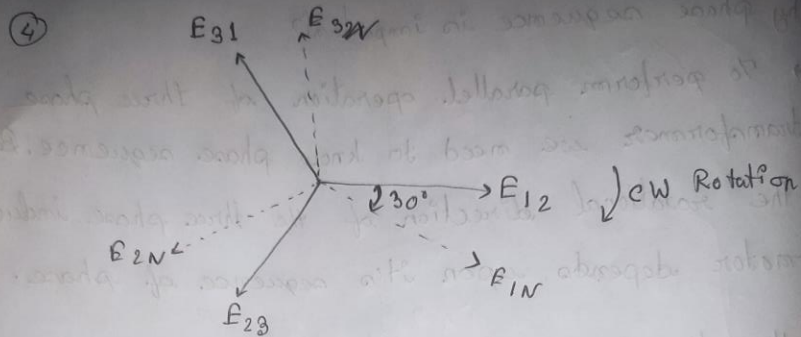


figure: phase sequence (1-2-3)

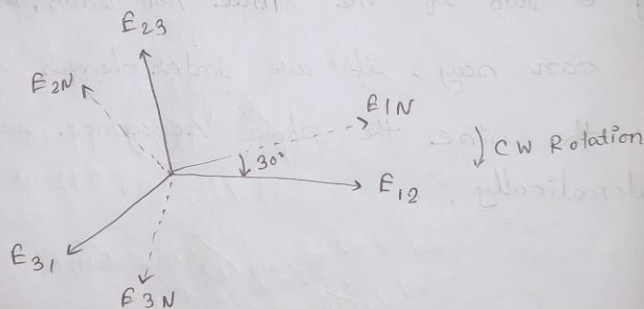


figure: phase sequence (1-3-2)