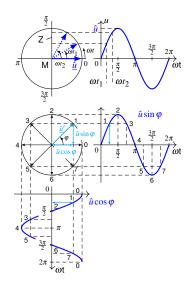
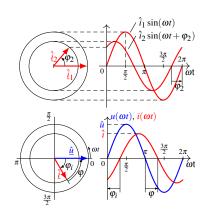
Zeigerdiagramm I

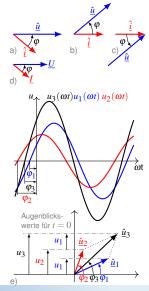




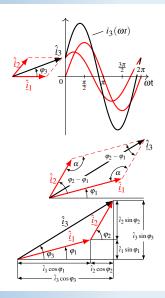
Zeigerdiagramm II



Zeigerdiagramm III

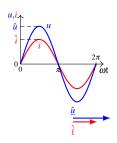


Zeigerdiagramm IV

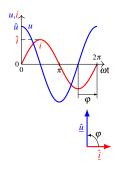




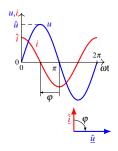
Widerstand im Wechselstromkreis



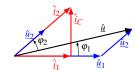
Induktivität im Wechselstromkreis



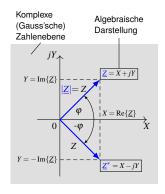
Kondensator im Wechselstromkreis



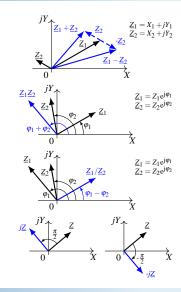
Beispiel - Konstruktion eines Zeigerdiagramms



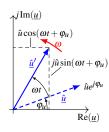
Grundbegriffe der komplexen Rechnung



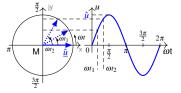
Rechenoperationen mit komplexen Zahlen

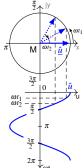


Komplexe Wechselstromrechnung

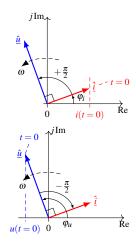


Zeiger für komplexe Wechselstromrechnung

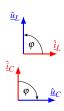




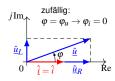
Strom-Spannungsbeziehung für Induktivität



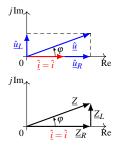
Strom-Spannungsbeziehung im Bildbereich



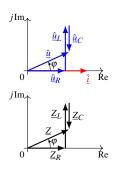
Komplexe Wechselstromrechnung - Beispiel II



Strom-Spannungs- und Widerstands Diagramm



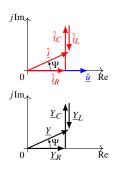
RLC-Serienschwingkreis



Serienschwingkreis - Bauelementespannungen I



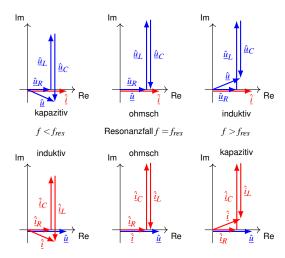
Parallelschwingkreis



Parallelschwingkreis - Bauelementeströme I

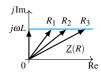


Zeigerdiagramme für Serien-/Parallelschwingkreis

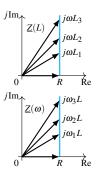




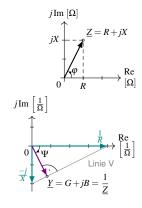
Impedanz RL-Reihenschaltung - R variabel



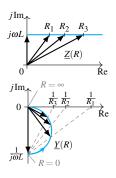
Impedanz RL-Reihenschaltung - L/ ω variabel

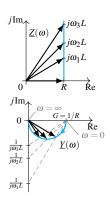


Ortskurve Admittanz: Inversion der Impedanz



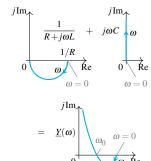
Admittanz RL-Reihenschaltung – $R \& \omega$ variabel







Ortskurven von komplitzierten Netzwerken I





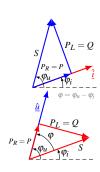
Leistung im Wechselstromkreis - RL-Schaltung I



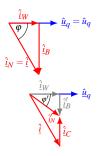
Leistung im Wechselstromkreis - RL-Schaltung II



Scheinleistung



Blindstrom-/leistungskompensation I



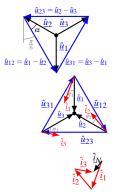
Dreiphasensystem - Sternschaltung I



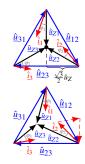
Dreiphasensystem - Sternschaltung II



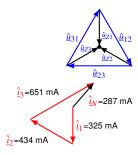
Leistungsberechnung im Drehstromsystem



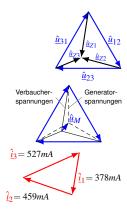
Sternschaltung mit / ohne Sternpunkt



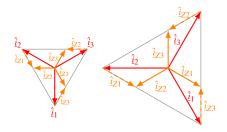
Drei-/Vierleitersystem - Beispiel I



Drei-/Vierleitersystem - Beispiel II

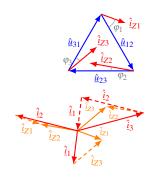


Ergänzung: Leistung bei Dreieckschaltung



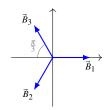


Leistungsberechnung bei Dreieckschaltung II





Erzeugung Drehfeld II



Erzeugung Drehfeld III

