**Electrical circuits**

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| **Kinzel** | **Python** |
| Solve[eq1, {vo, vr, ir, ic, il}] | def Vo(w,R,L,C):  return -1j\*w\*L/(-1j\*w\*L – R + R\*C\*L\*w\*\*2) |
| phase(Vo) | func = Vo(w,R,L,C)  def phase(func):  return np.arctan(func.imag/func.real) |
| where is constant | def P0(Vi,R):  return abs(Vi)\*\*2/(2\*R) |
|  | def Ir(w,R,L,C):  return (1j\*w\*C + 1/(1j\*w\*L)) \* func  def P(w,R,L,C):  return abs(Ir(w,R,L,C))\*\*2\*R/2 |
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