Applications of Coupled Inductors
Example Transformer

- I & E Sections inverted on alternate layers
- “I” Section
- “E” Section
- Each individual lamina insulated with lacquer or metal oxide.

- Former
- Secondaries
- Primary
- Laminated soft iron core clamped with bolts
- Insulating cover

https://www.altrancorp.com/products/toroidal-power-transformers/

http://www.learnabout-electronics.org/ac_theory/transformers03.php

https://www.reddit.com
Transformer Reflection

\[ i_1, v_1, v_2, i_2, v_{ac} \]
Example Circuit Simplification
Equivalent Circuits