



$$0 \quad B + x - x$$
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$$7 - 3$$
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$$23 - 2 - 7 - 45$$

$$M = B = A - 4g = 4g - 2 + 801 = 2$$

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**Harry Bateman**



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*Mathematical Analysis of the Parallel-T Electrical Network* Edward Mack McCormick, 1947 *An Essay on the Application of Mathematical Analysis to the Theories of Electricity and Magnetism* George Green, 1828 Mathematical Analysis of the Electrical Activity of the Brain Mikhail Nikolaevich Livanov, 1968

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web single phase power is a two wire alternating current ac power circuit typically there is one power wire the phase wire and one neutral wire with current flowing between the power wire through the load and the neutral wire three phase power is a three wire ac power circuit with each phase ac signal 120 electrical degrees apart

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two pole single phase motors the torque goes to zero at 100 slip zero speed so these require alterations to the stator such as shaded poles to provide starting torque

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web dec 15 2021 figure 1 a single phase induction motor stator produces a pulsating magnetic field rather than a rotating one as in a three phase motor this means there is no torque when the rotor is stationary once it is moving the currents induced in the rotor create a magnetic field that interacts with the pulsating field to produce a torque and thus