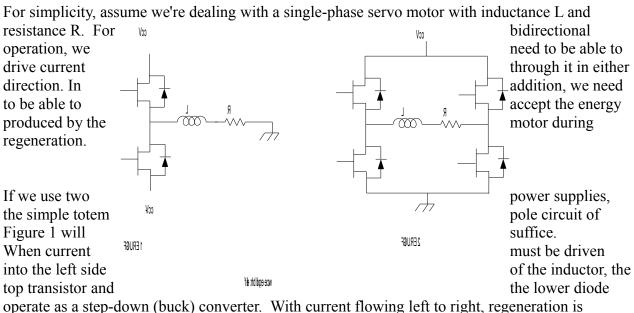
To: File From: Jon Hagen Date: Mar. 4, 1999 Subject: Switching converter for servo motor control



provided by using the lower transistor and the upper diode as a step-up (boost) converter.

If only one power supply is to be used, the H-bridge of Figure 2 is used. When current is flowing from left to right, the lower right transistor is kept on to ground the resistor and the upper right transistor remains off. The left side totem pole operates as described above. When current is flowing from right to left, the roles of the two totem poles reverse.