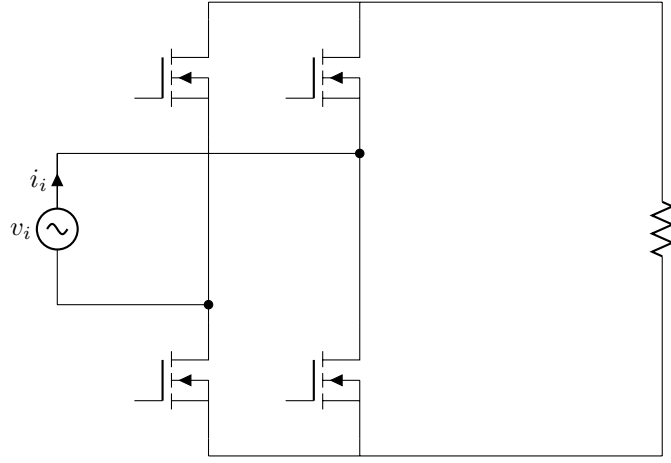


DC to AC converters

Diego Trapero

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PWM Sinusoidal Unipolar. Normalized amplitudes, V_n/V_{DC}

m_a	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
$n = 1$	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
$n = 2mf + -1$	0.10	0.19	0.27	0.33	0.36	0.37	0.35	0.31	0.25	0.18
$n = 2mf + -3$	0.00	0.00	0.01	0.02	0.04	0.07	0.10	0.14	0.18	0.21

PWM Sinusoidal Bipolar. Normalized amplitudes, V_n/V_{max}

m_a	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
$n = 1$	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
$n = mf$	1.27	1.24	1.20	1.15	1.08	1.01	0.92	0.82	0.71	0.60
$n = mf + -2$	0.00	0.02	0.03	0.06	0.09	0.13	0.17	0.22	0.27	0.32

PWM Sinusoidal Triphasic. Normalized amplitudes, V_n/V_{DC} (line tension)

m_a	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
$n = 1$	0.087	0.173	0.260	0.346	0.433	0.520	0.606	0.693	0.779	0.866
$n = mf + -2$	0.003	0.013	0.030	0.053	0.801	0.114	0.150	0.190	0.232	0.275
$n = 2mf + -1$	0.086	0.165	0.232	0.282	0.313	0.321	0.307	0.272	0.221	0.157