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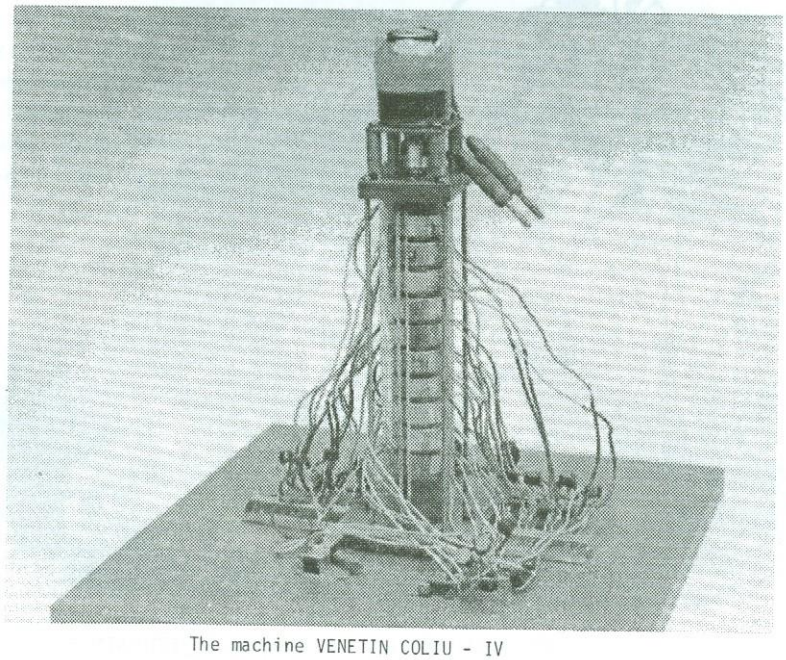
VENETIN COLIU IV

After the publication of No. 1, I constructed a fourth variation of the VENETIN COLIU machine (see No. 1, p. 40 and the photograph on p. 3). The electrical power consumed for rotating the machine VENETIN COLIU - IV at higher velocities decreases with $\Delta P_m/P_m$ = 30% when the 20 generators' coils (two in any ring) are short-circuited (P_m is the power consumed at open gerenerators' coils and $P_m - \Delta P_m$ is the power consumed at short-circuited generators' coils). For the machine VENETIN COLIU - I this decrease was (see table 1 on p. 49 of No. 1) $\Delta P_m/P_m = (80/1400)100 = 5.7\%$.



The machine VENETIN COLIU - IV