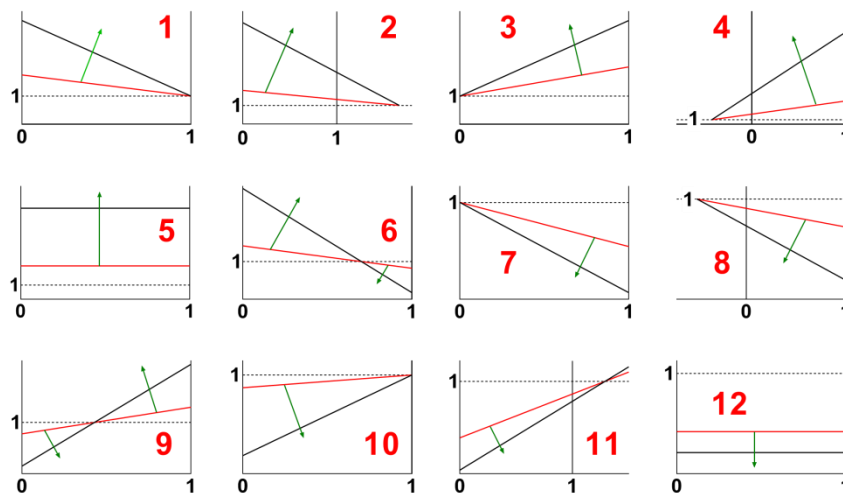# Identification of inhibition and nonessential activation mechanisms from the specific velocity plot and its secondary plots
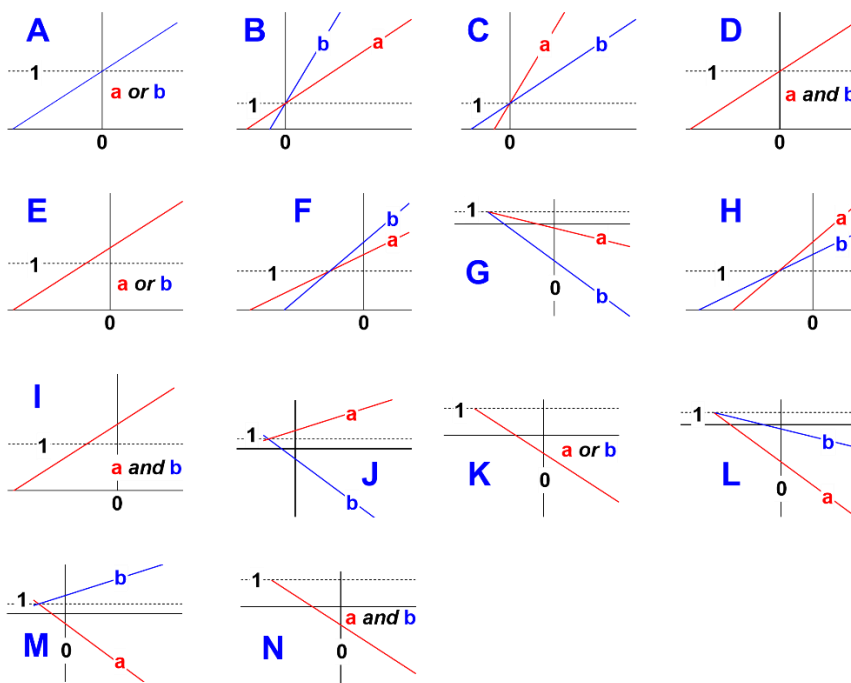
One number can be combined with one letter. Only 17 valid combinations do exist.

Table of valid codes on the next page

Primary plots

Secondary plots

Valid codes for combinations of primary specific velocity plots with their associated secondary plots

Each code belongs to a definite inhibition or nonessential activation mechanism

Acronym	Full Name	Valid codes from the preceding page
LSpI	Linear specific inhibition	1-A
LCaI	Linear catalytic inhibition	3-A
LMx(Sp>Ca)I	Linear mixed, predominantly specific inhibition	2-B
LMx(Sp<Ca)I	Linear mixed, predominantly catalytic inhibition	4-C
LMx(Sp=Ca)I	Linear mixed, balanced inhibition	5-D
HSpI	Hyperbolic specific inhibition	1-E
HCaI	Hyperbolic catalytic inhibition	3-E
HMx(Sp>Ca)I	Hyperbolic mixed, predominantly specific inhibition	2-F
HMx(Sp<Ca)I	Hyperbolic mixed, predominantly catalytic inhibition	4-H
HMx(Sp=Ca)I	Hyperbolic mixed, balanced inhibition	5-I
HMxD(I/A)	Hyperbolic mixed, dual modification (inhibition → activation)	6-J
HCaA	Hyperbolic catalytic activation	7-K
HMx(Sp>Ca)A	Hyperbolic mixed, predominantly specific activation	8-L
HMxD(A/I)	Hyperbolic mixed, dual modification (activation → inhibition)	9-M
HSpA	Hyperbolic specific activation	10-K
HMx(Sp<Ca)A	Hyperbolic mixed, predominantly catalytic activation	11-G
HMx(Sp=Ca)A	Hyperbolic mixed, balanced activation	12-N