

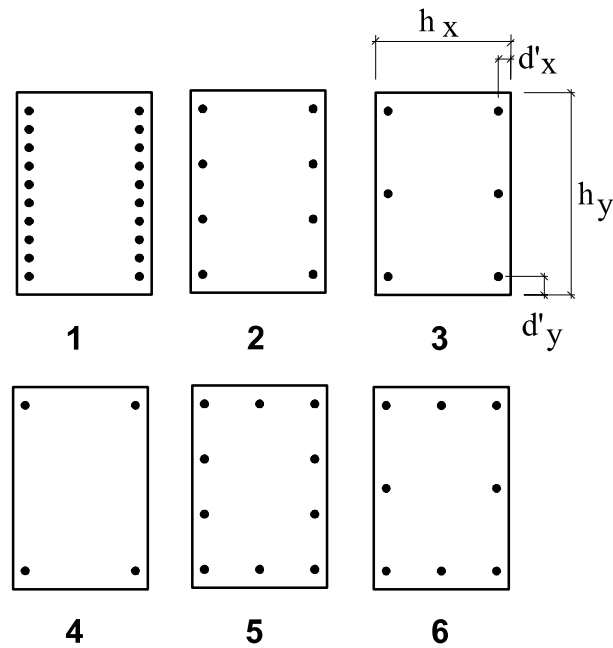
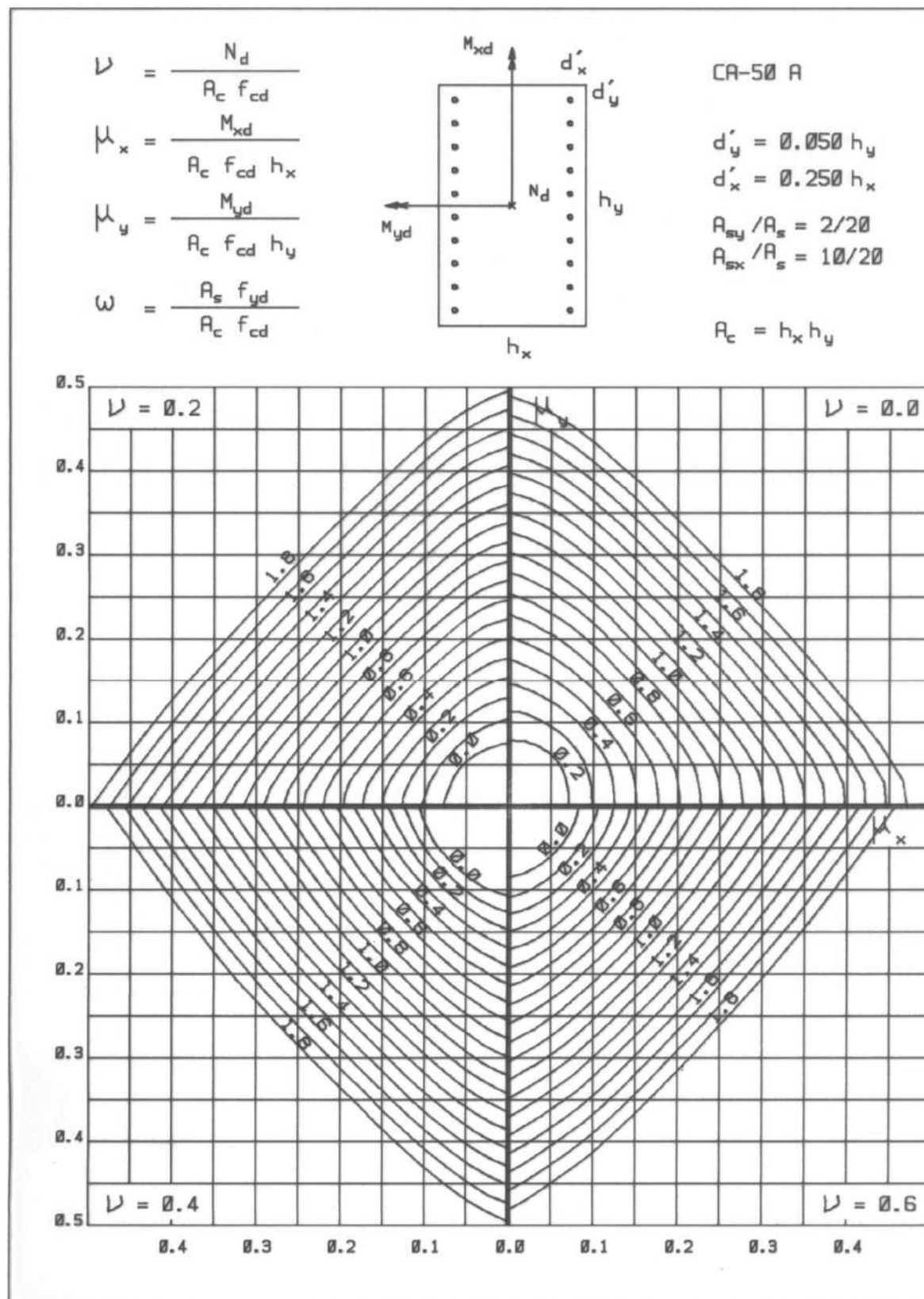


Figura 5 - Arranjos das barras

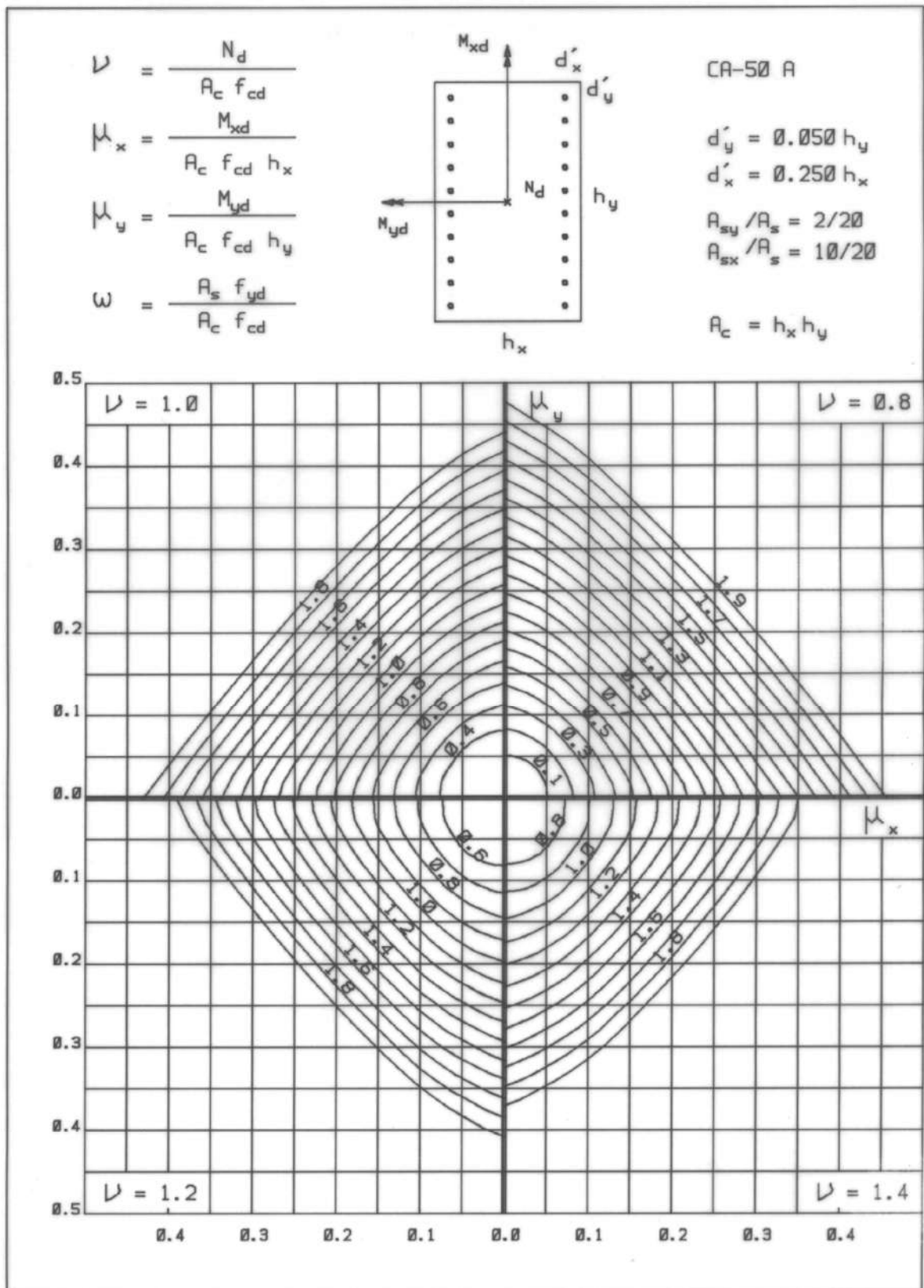
Tabela 1 - Relação dos ábacos

Arranjo	$\frac{d'_y}{h_y}$	$\frac{d'_x}{h_x}$	Ábaco	Arranjo	$\frac{d'_y}{h_y}$	$\frac{d'_x}{h_x}$	Ábaco
1	0,05	0,25	1	5	0,05	0,15	24
2	0,05	0,25	2	1	0,10	0,15	25
3	0,05	0,25	3	2	0,10	0,15	26
1	0,10	0,25	4	3	0,10	0,15	27
2	0,10	0,25	5	4	0,10	0,15	28
3	0,10	0,25	6	6	0,10	0,15	29
4	0,10	0,25	7	5	0,10	0,15	30
2	0,15	0,25	8	2	0,15	0,15	31
3	0,15	0,25	9	3	0,15	0,15	32
4	0,15	0,25	10	4	0,15	0,15	33
1	0,05	0,20	11	6	0,15	0,15	34
2	0,05	0,20	12	5	0,15	0,15	35
3	0,05	0,20	13	2	0,05	0,10	36
1	0,10	0,20	14	6	0,05	0,10	37
2	0,10	0,20	15	5	0,05	0,10	38
3	0,10	0,20	16	1	0,10	0,10	39
4	0,10	0,20	17	2	0,10	0,10	40
2	0,15	0,20	18	3	0,10	0,10	41
3	0,15	0,20	19	4	0,10	0,10	42
4	0,15	0,20	20	6	0,10	0,10	43
1	0,05	0,15	21	5	0,10	0,10	44
2	0,05	0,15	22	6	0,05	0,05	45
3	0,05	0,15	23	5	0,05	0,05	46

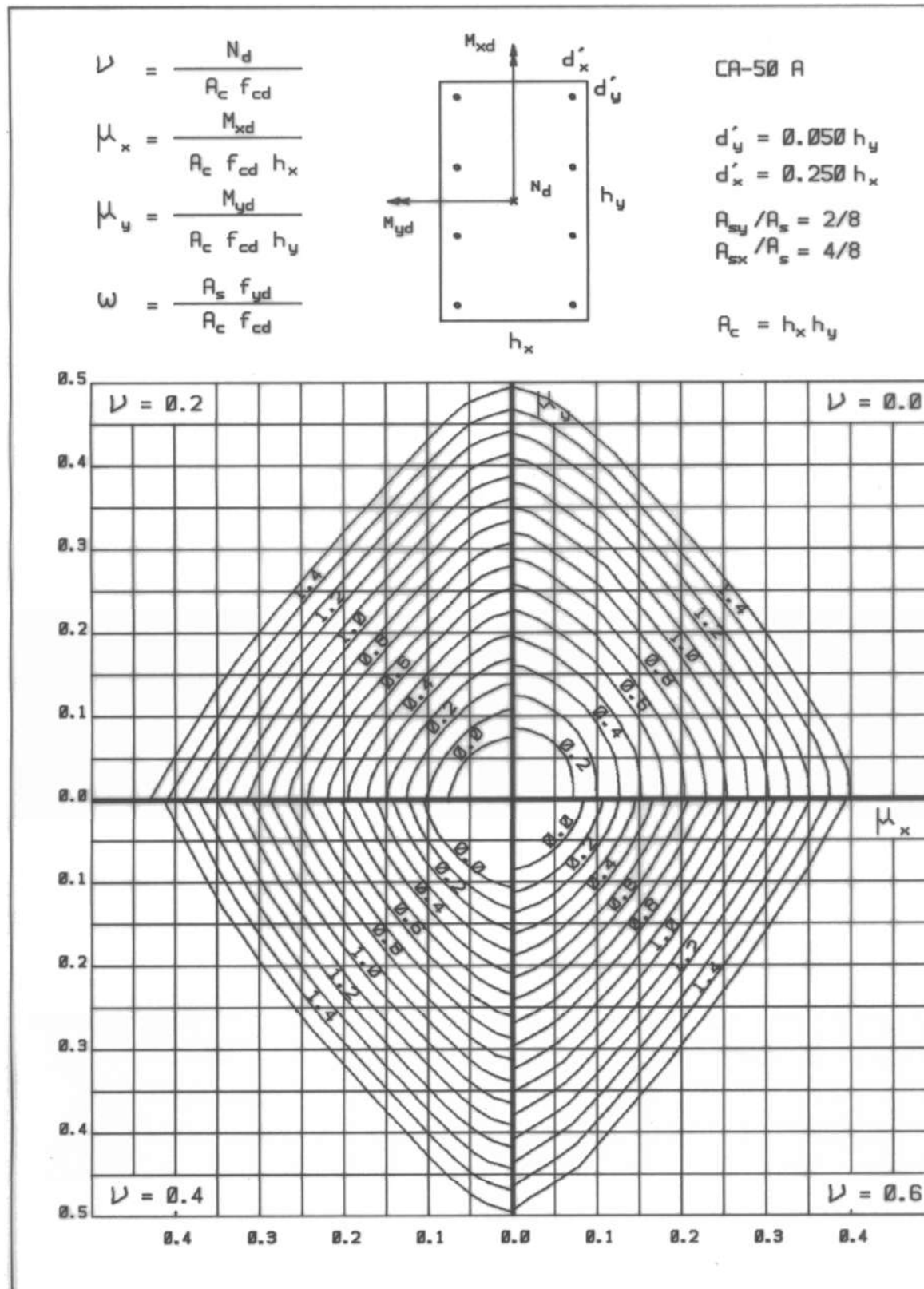
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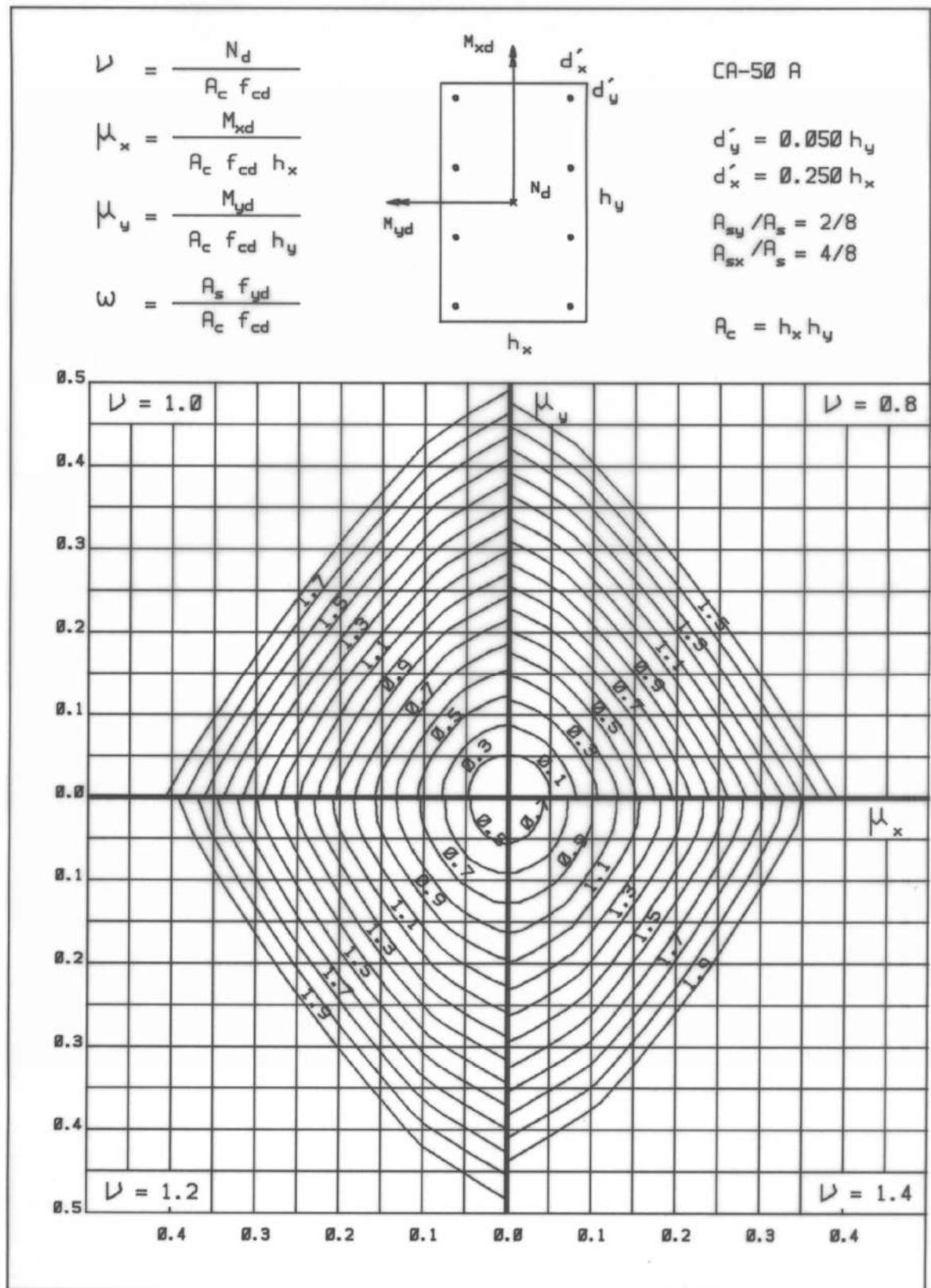
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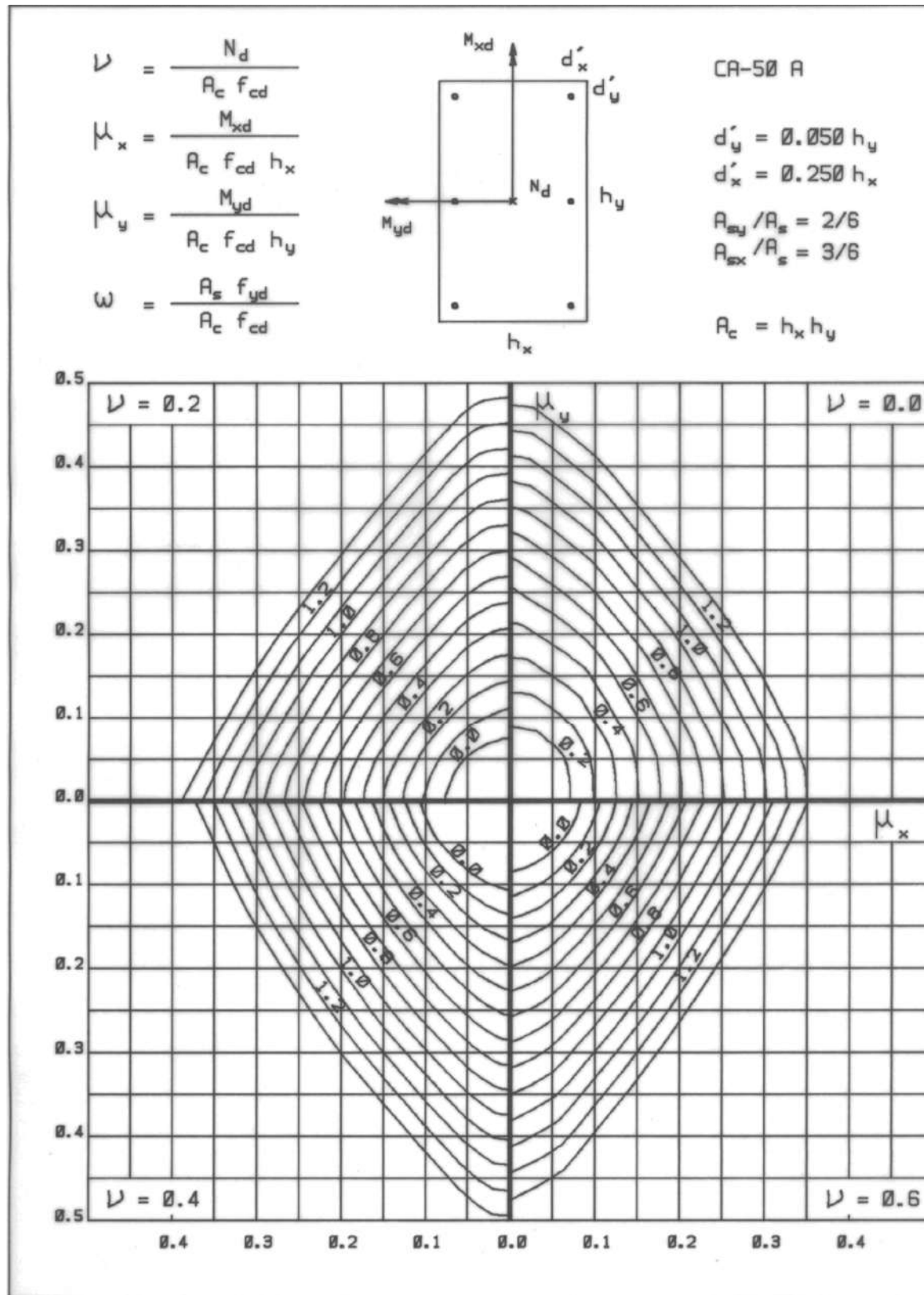
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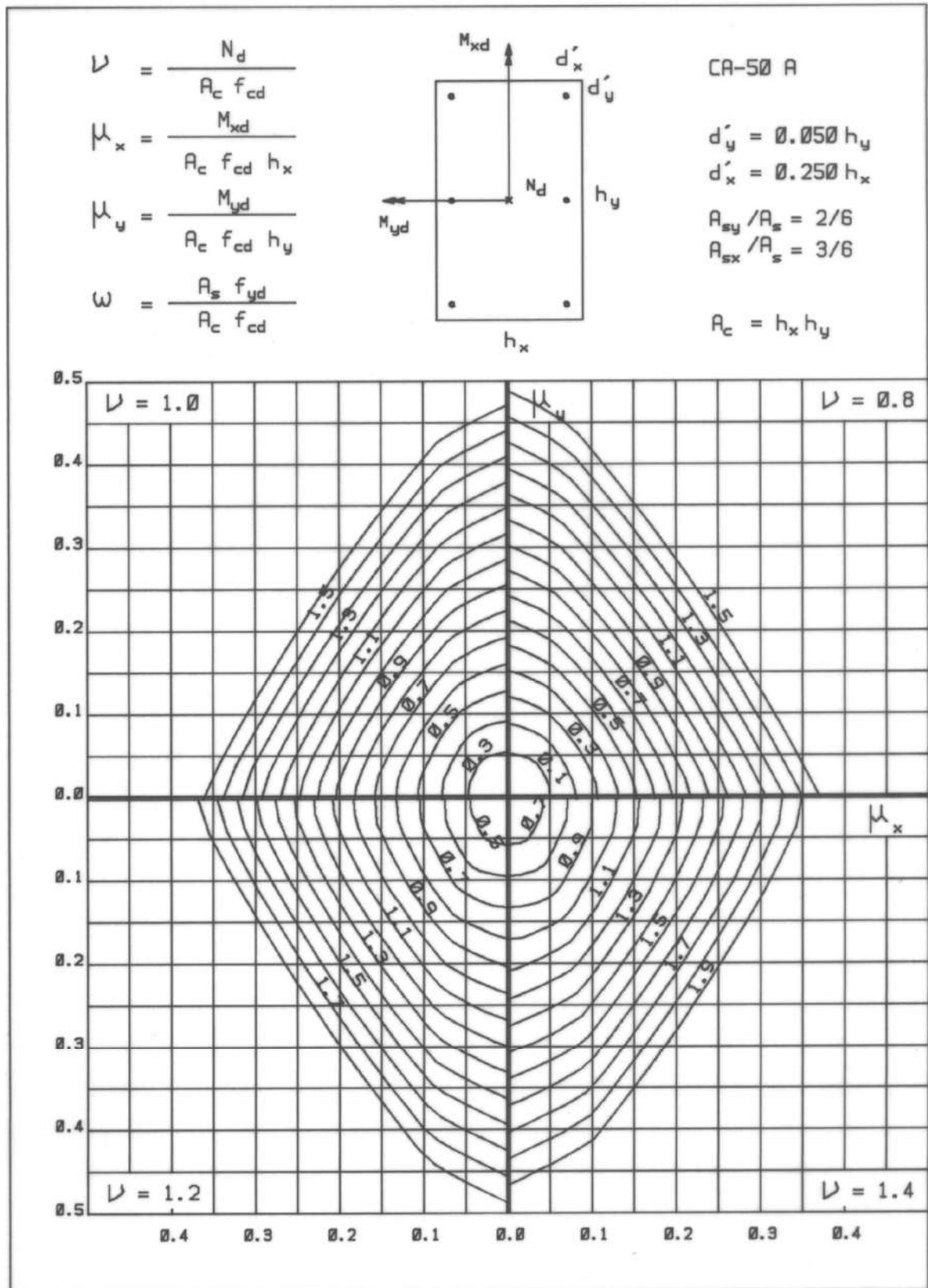
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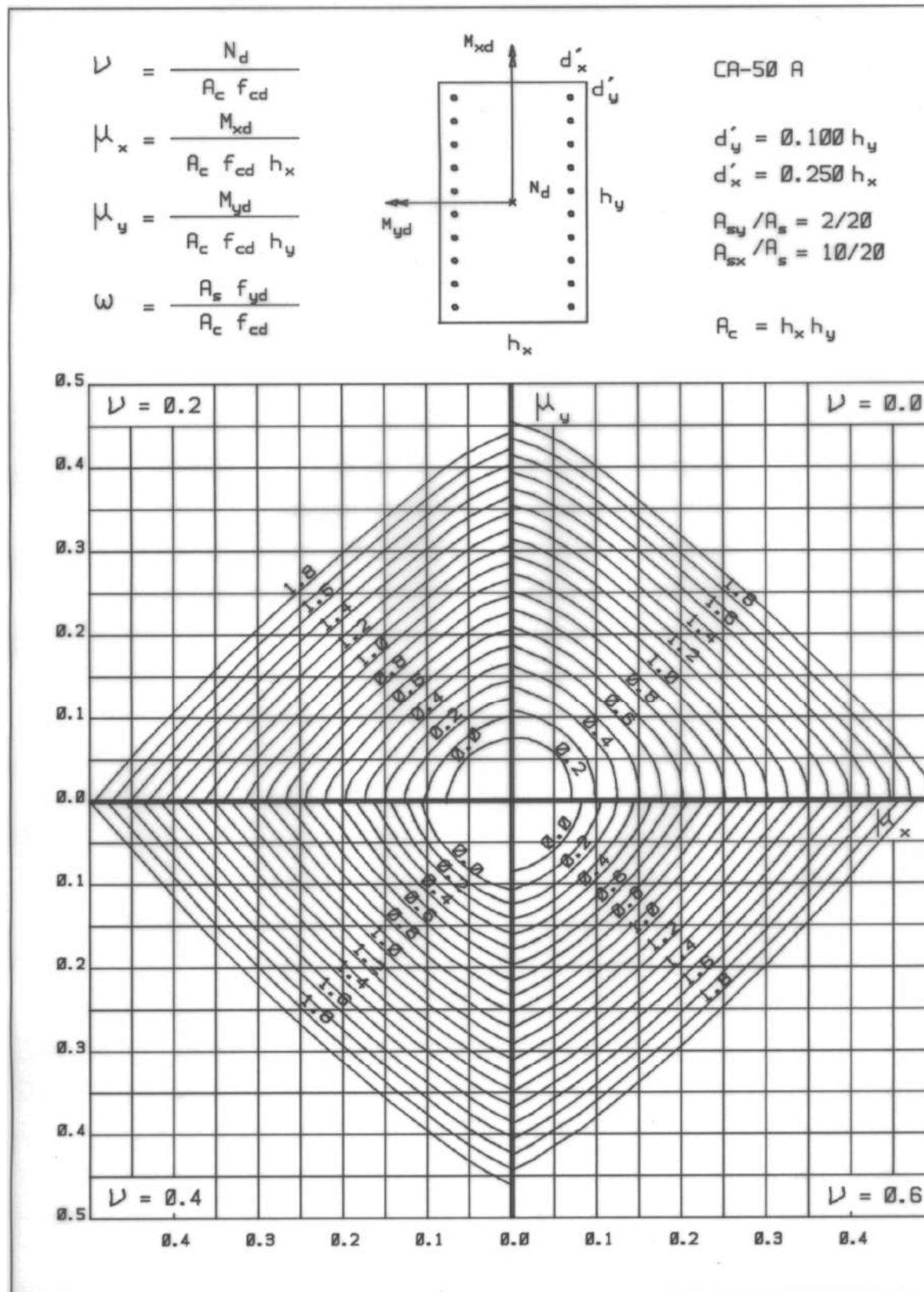
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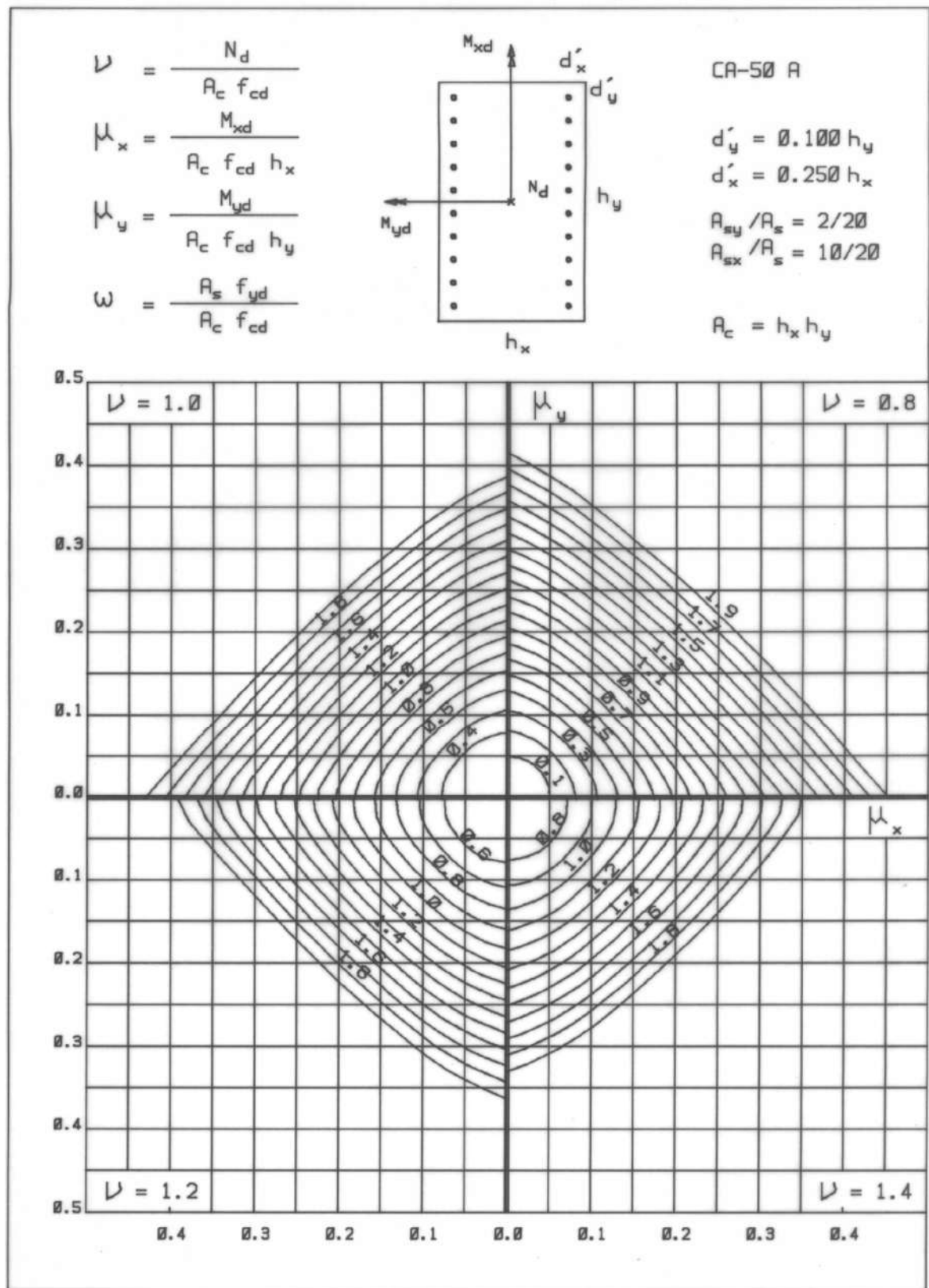
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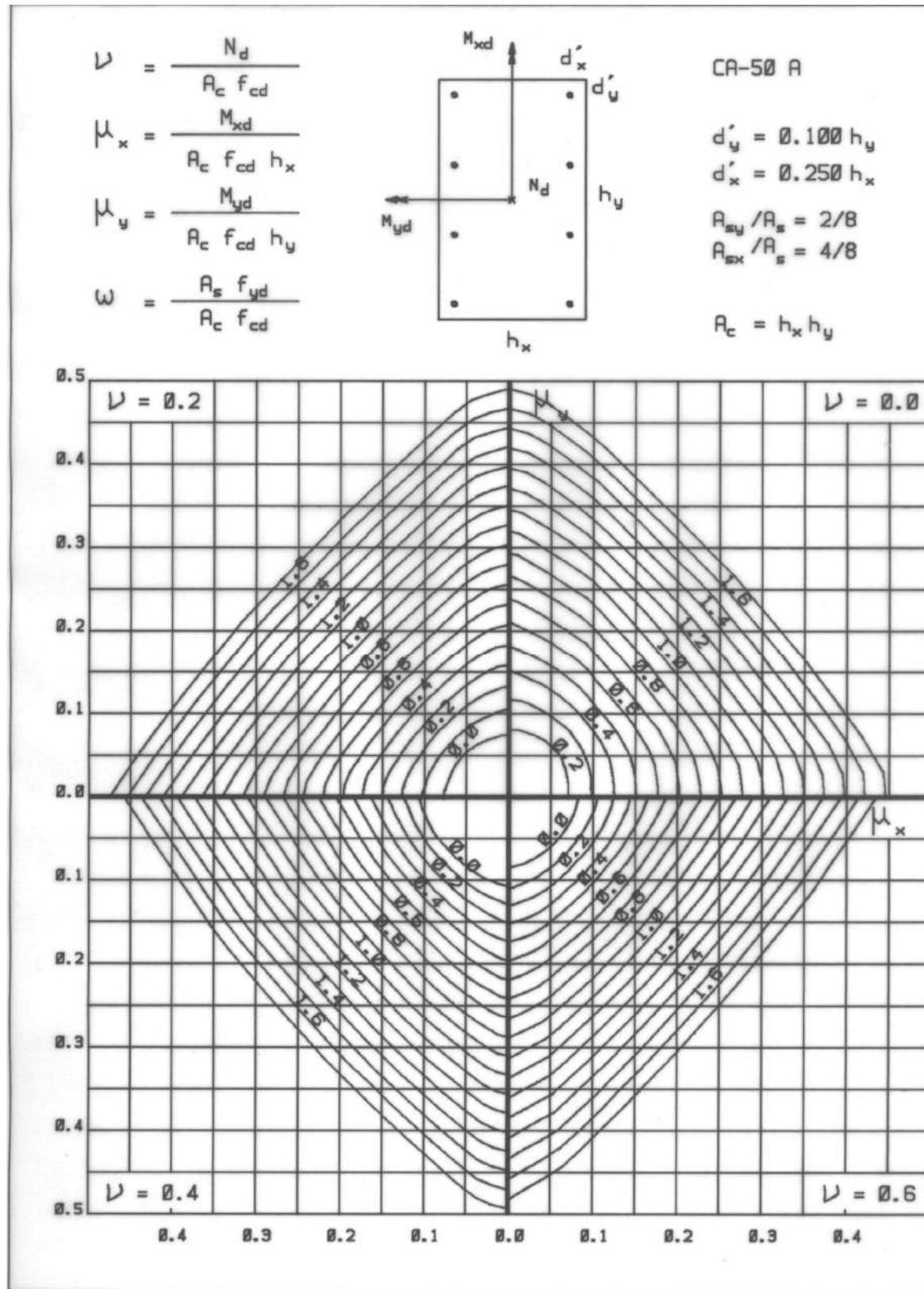
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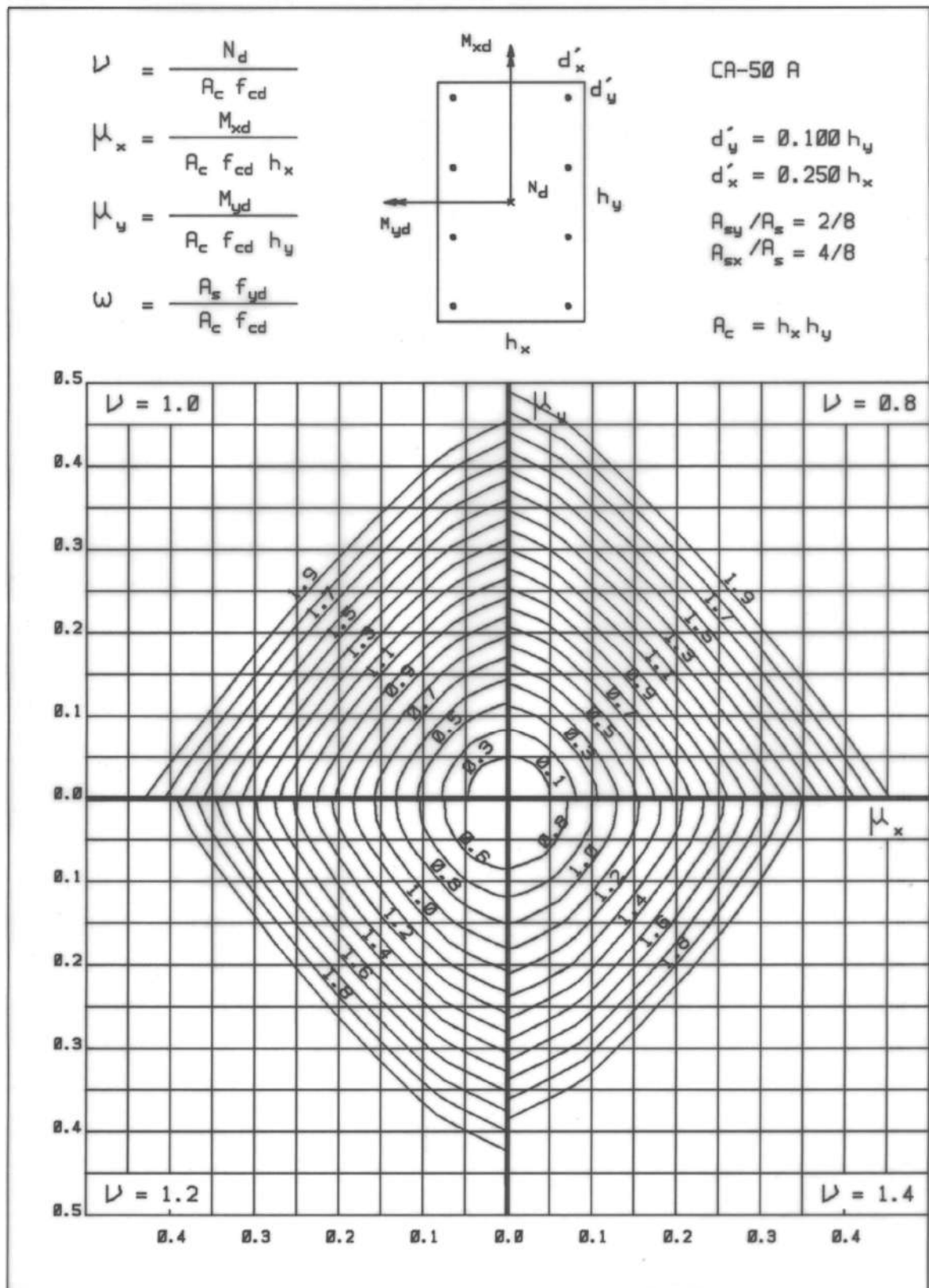
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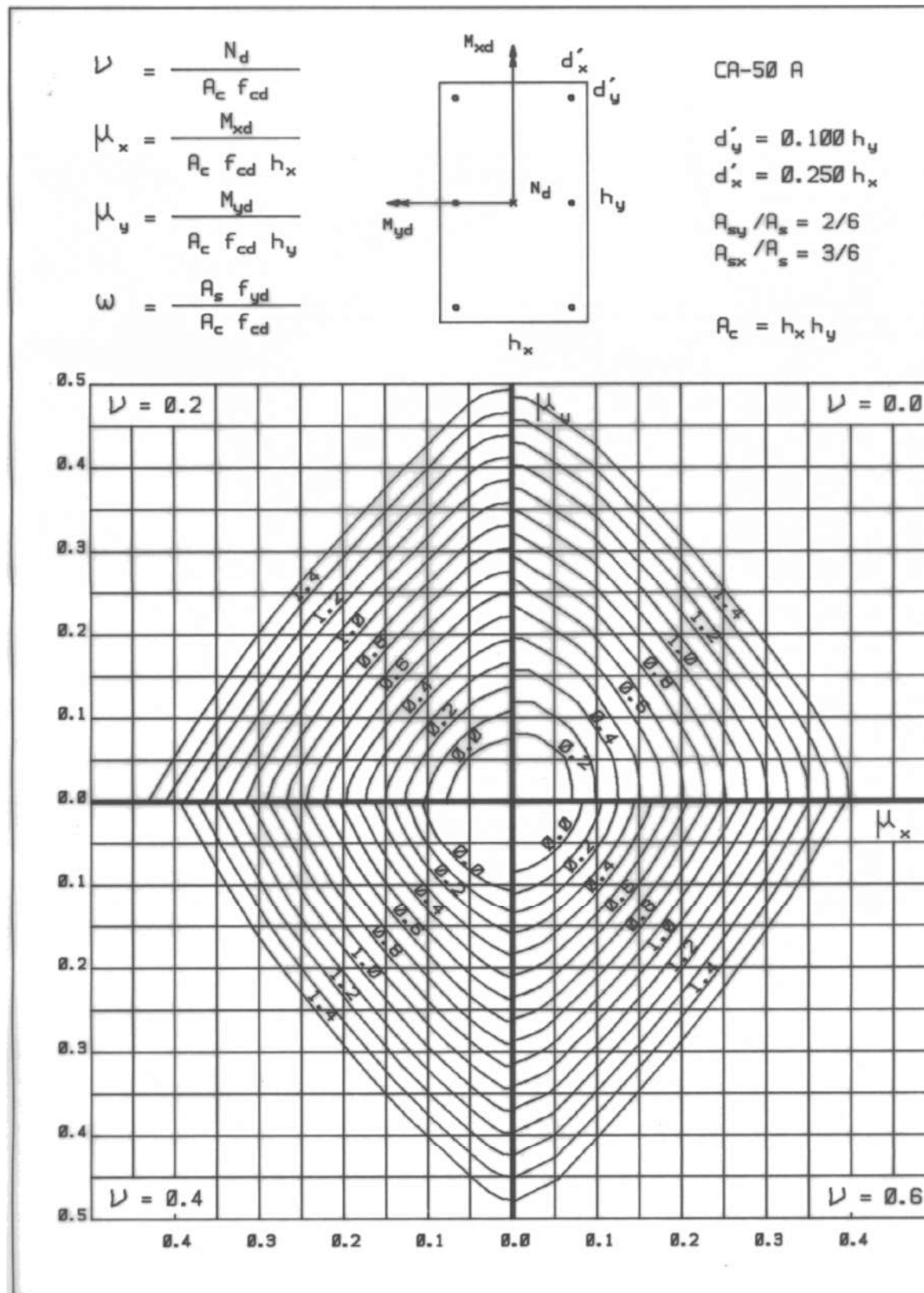
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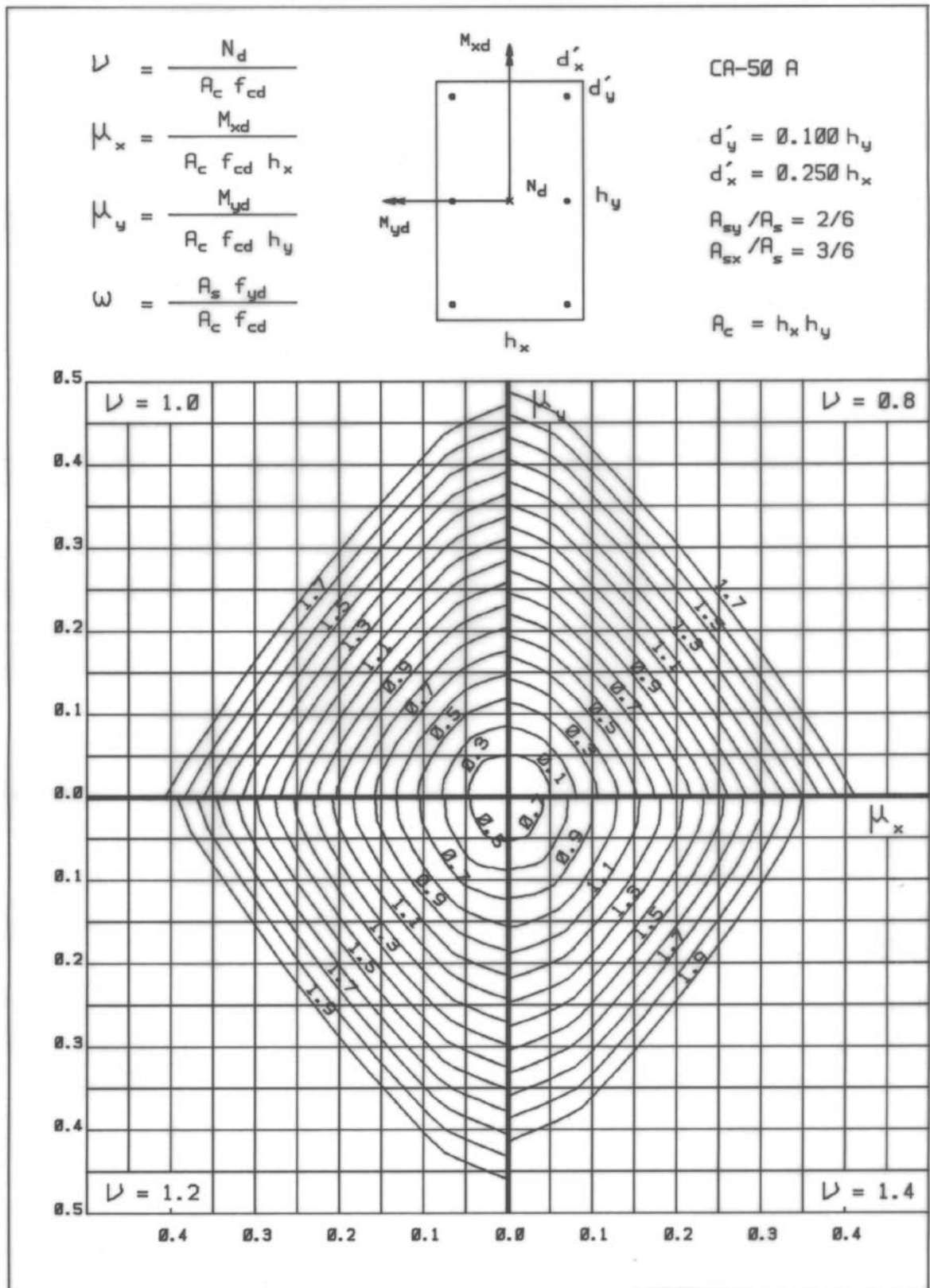
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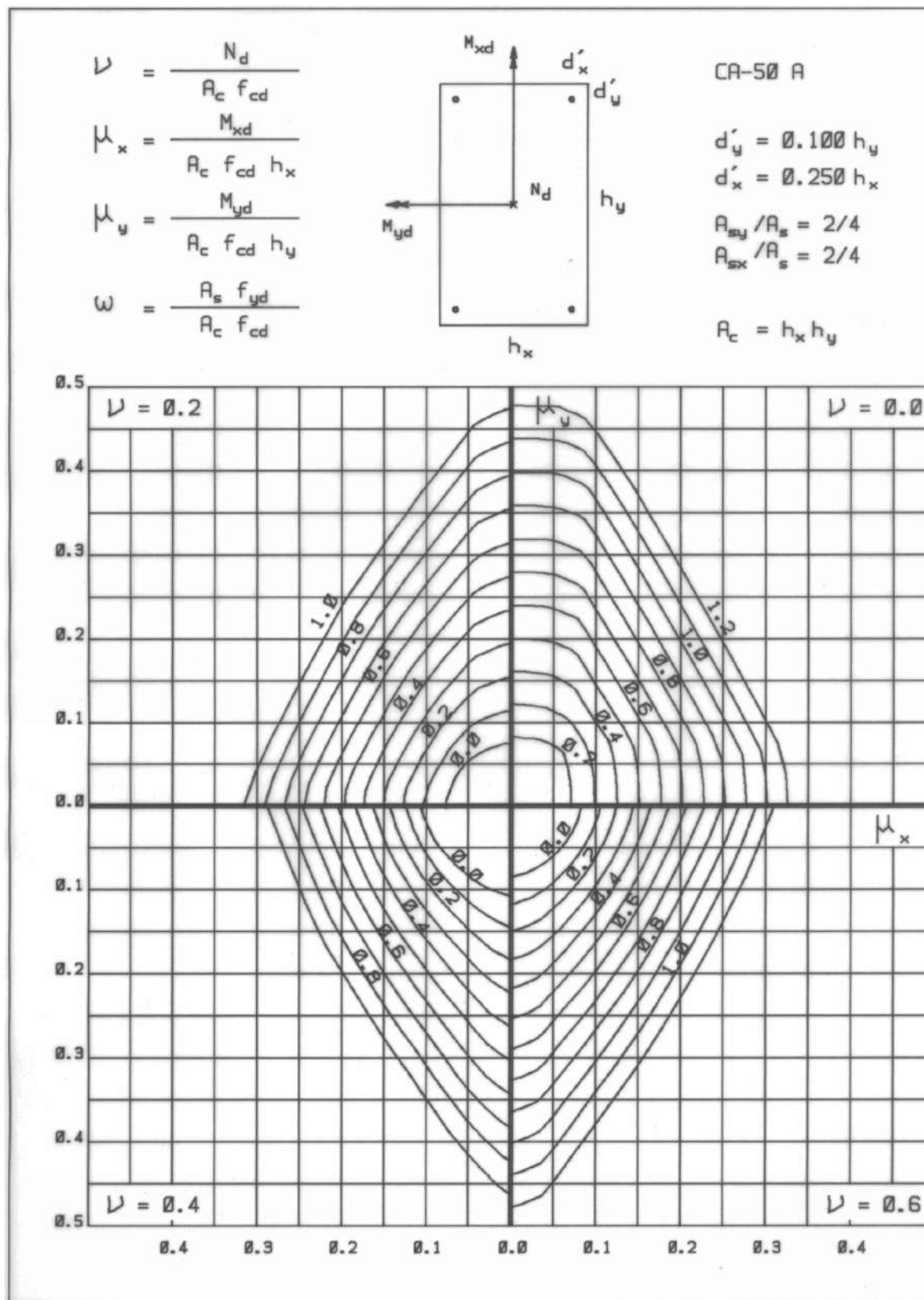
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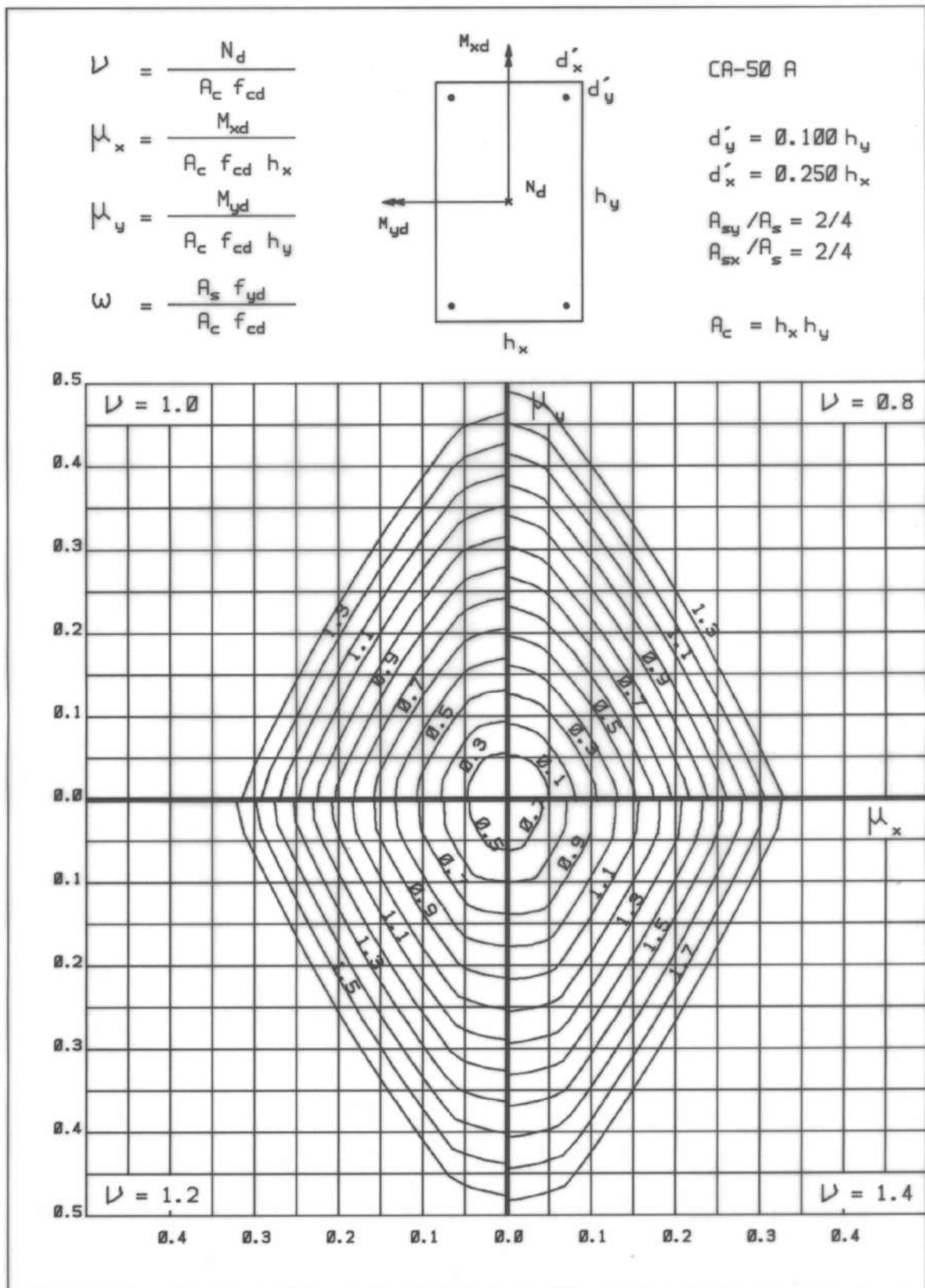
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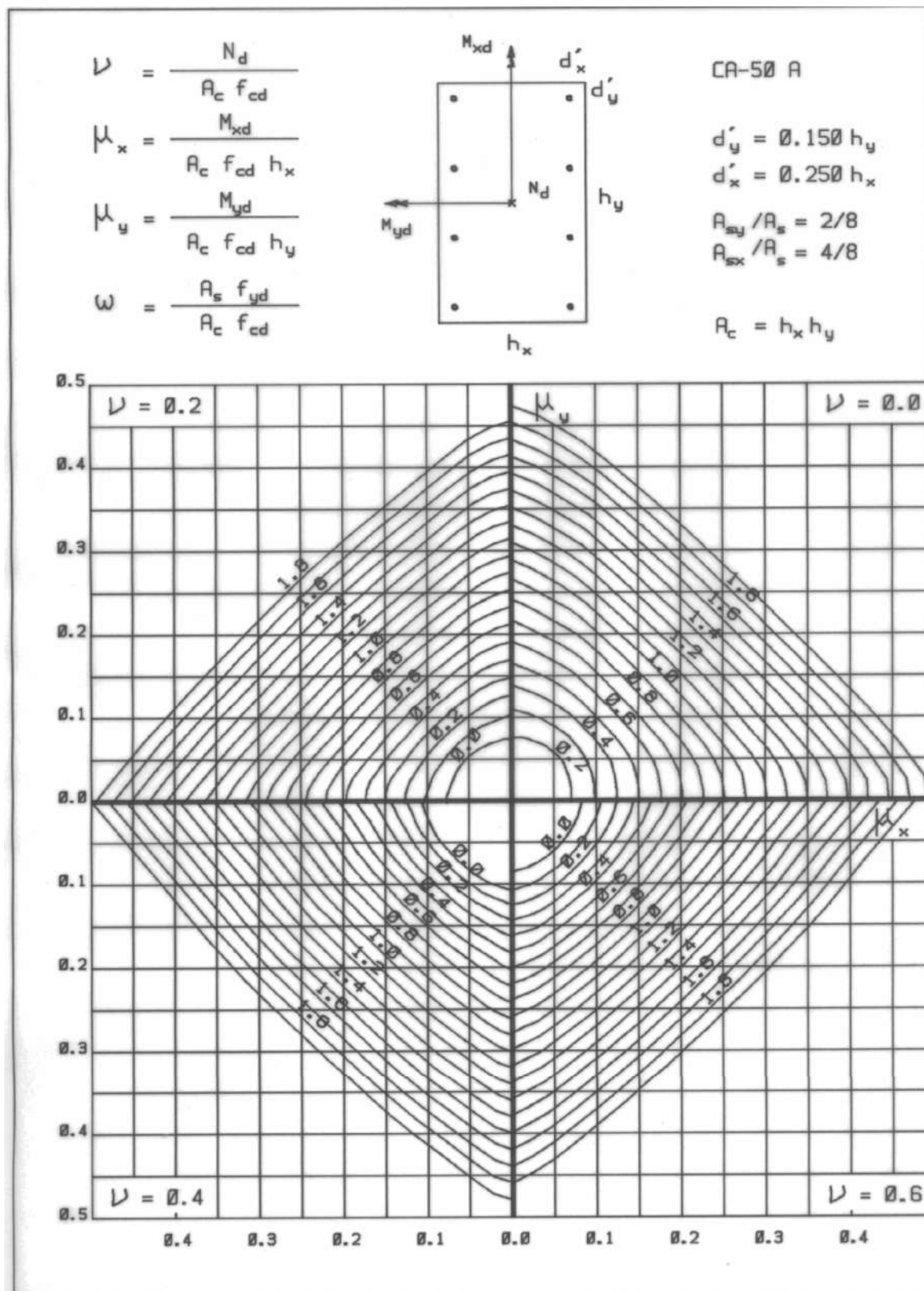
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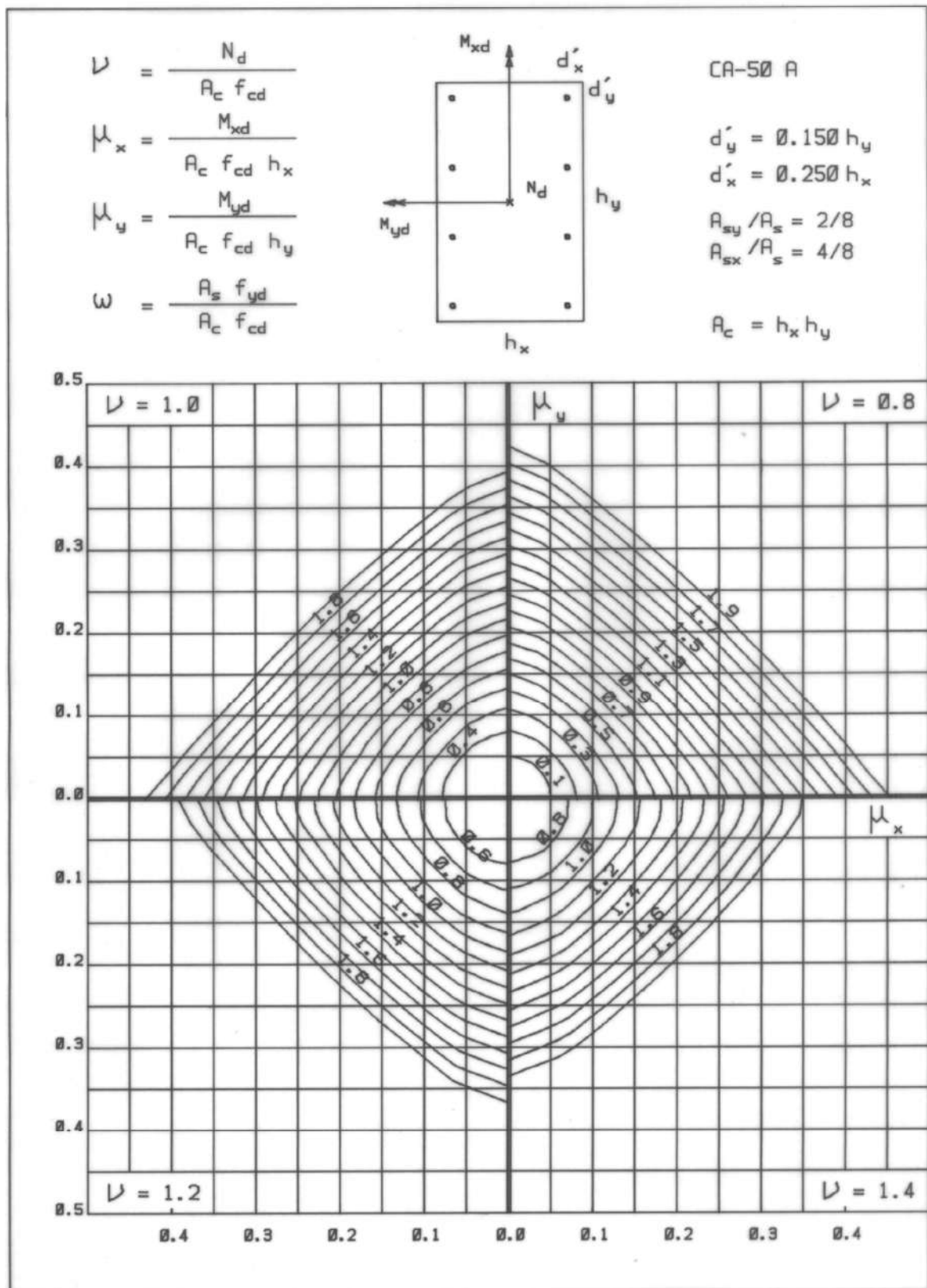
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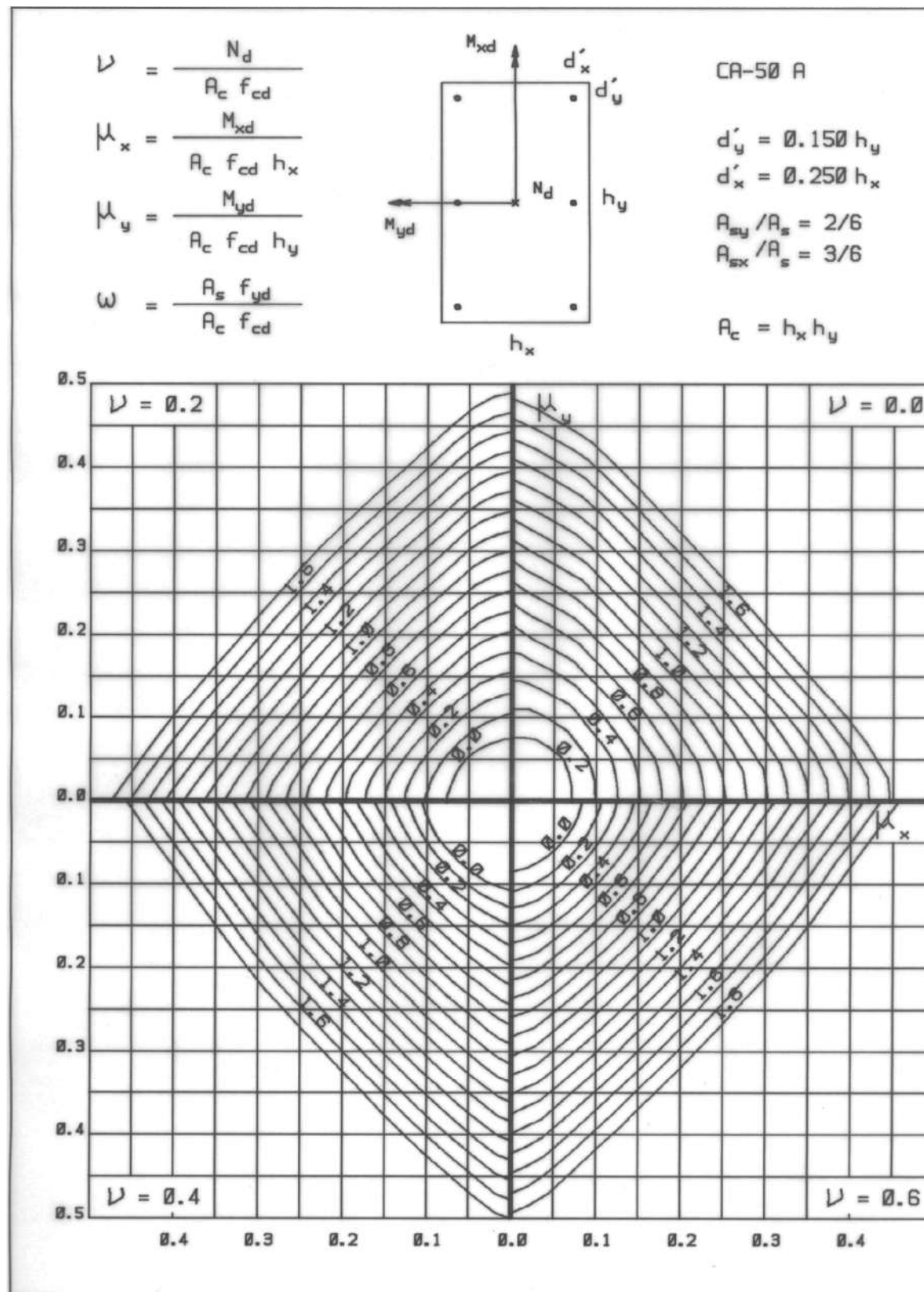
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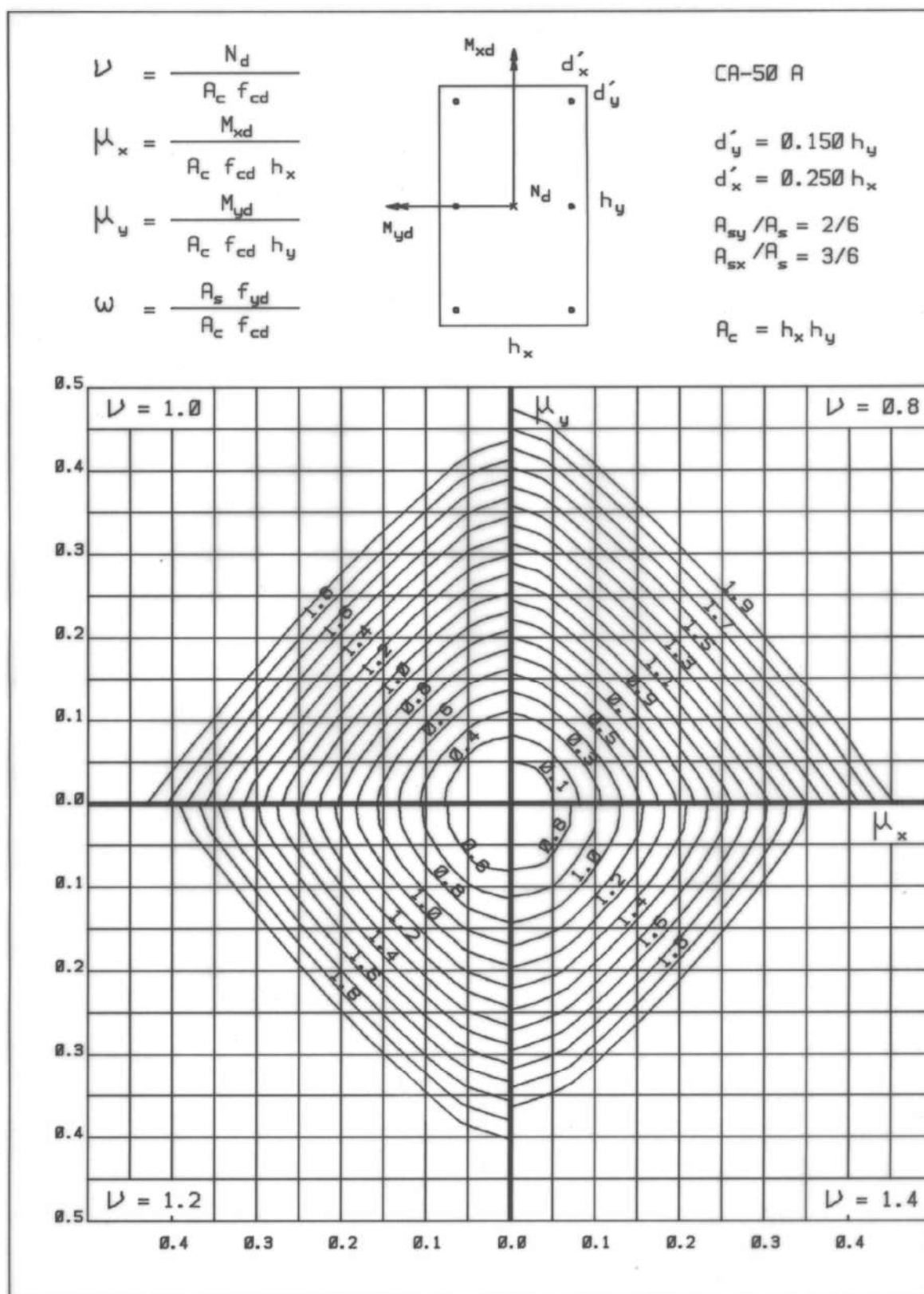
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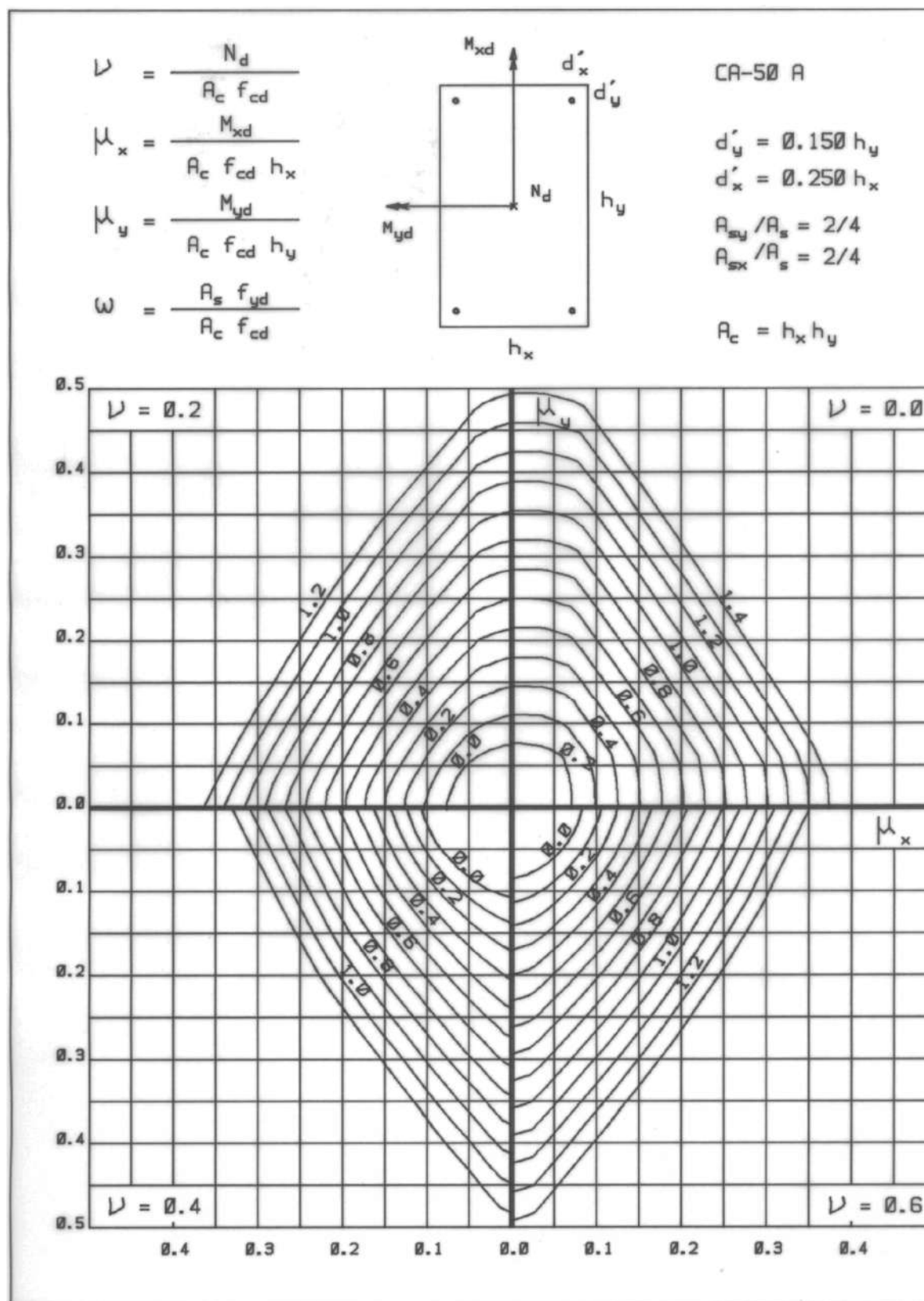
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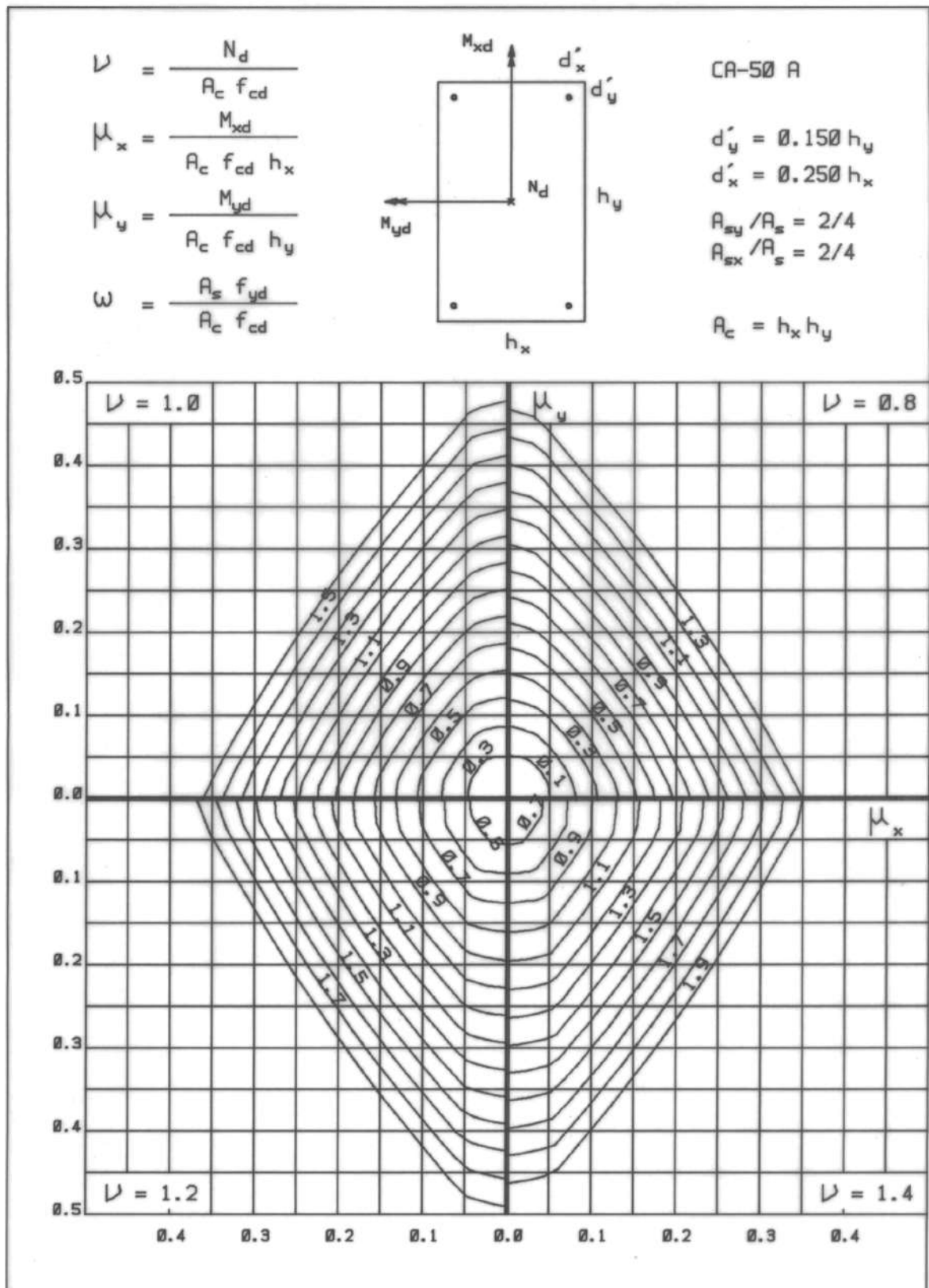
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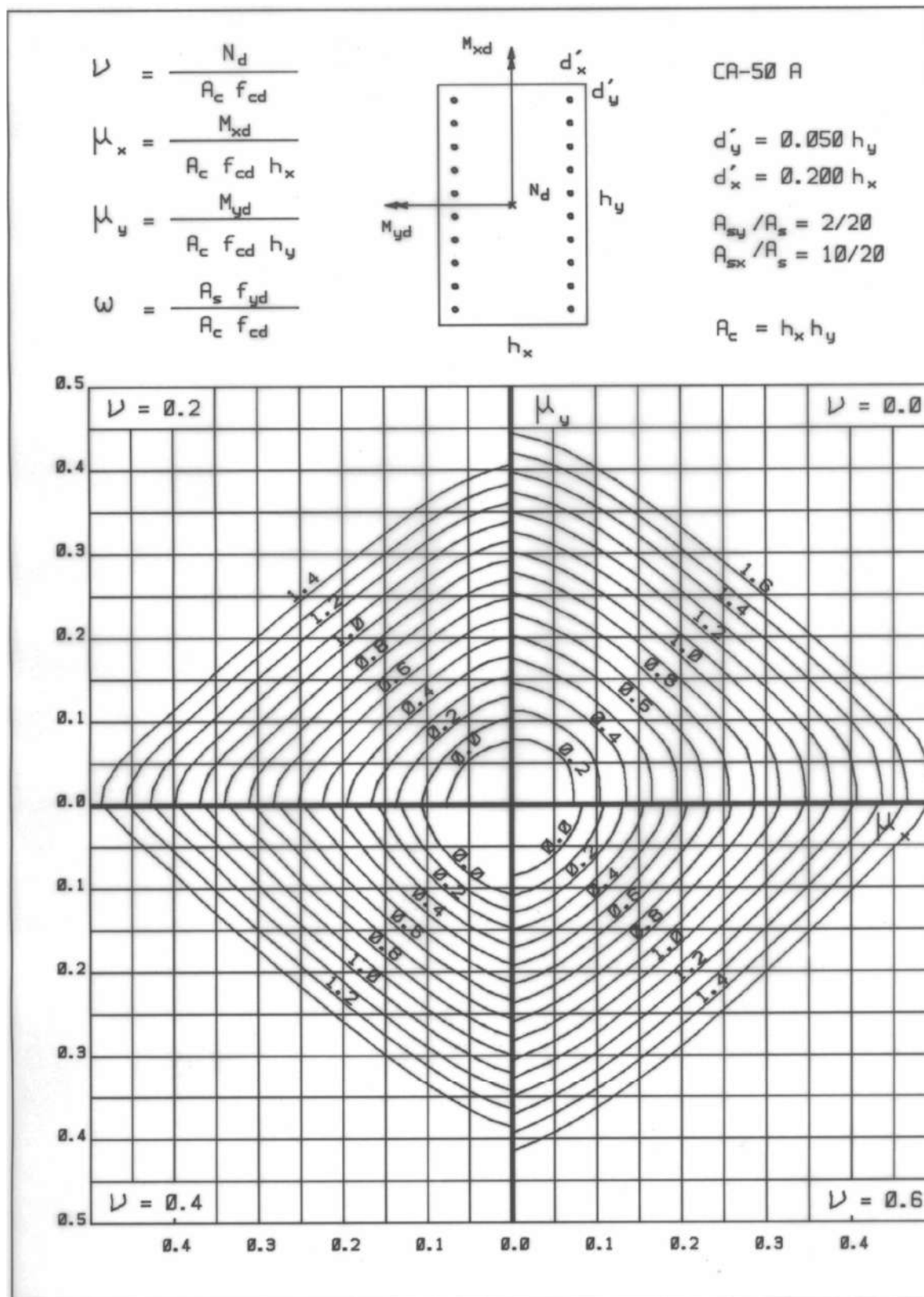
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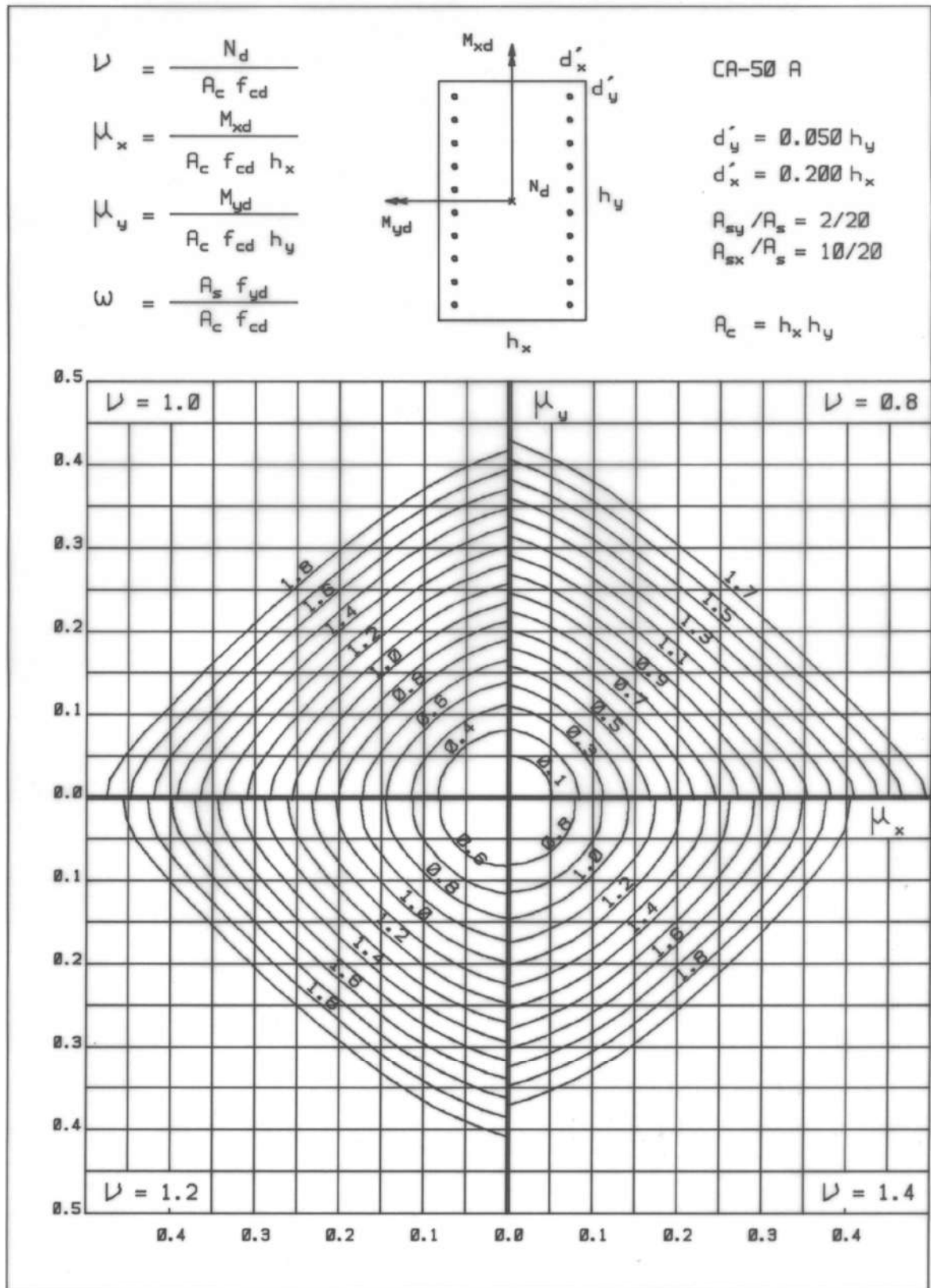
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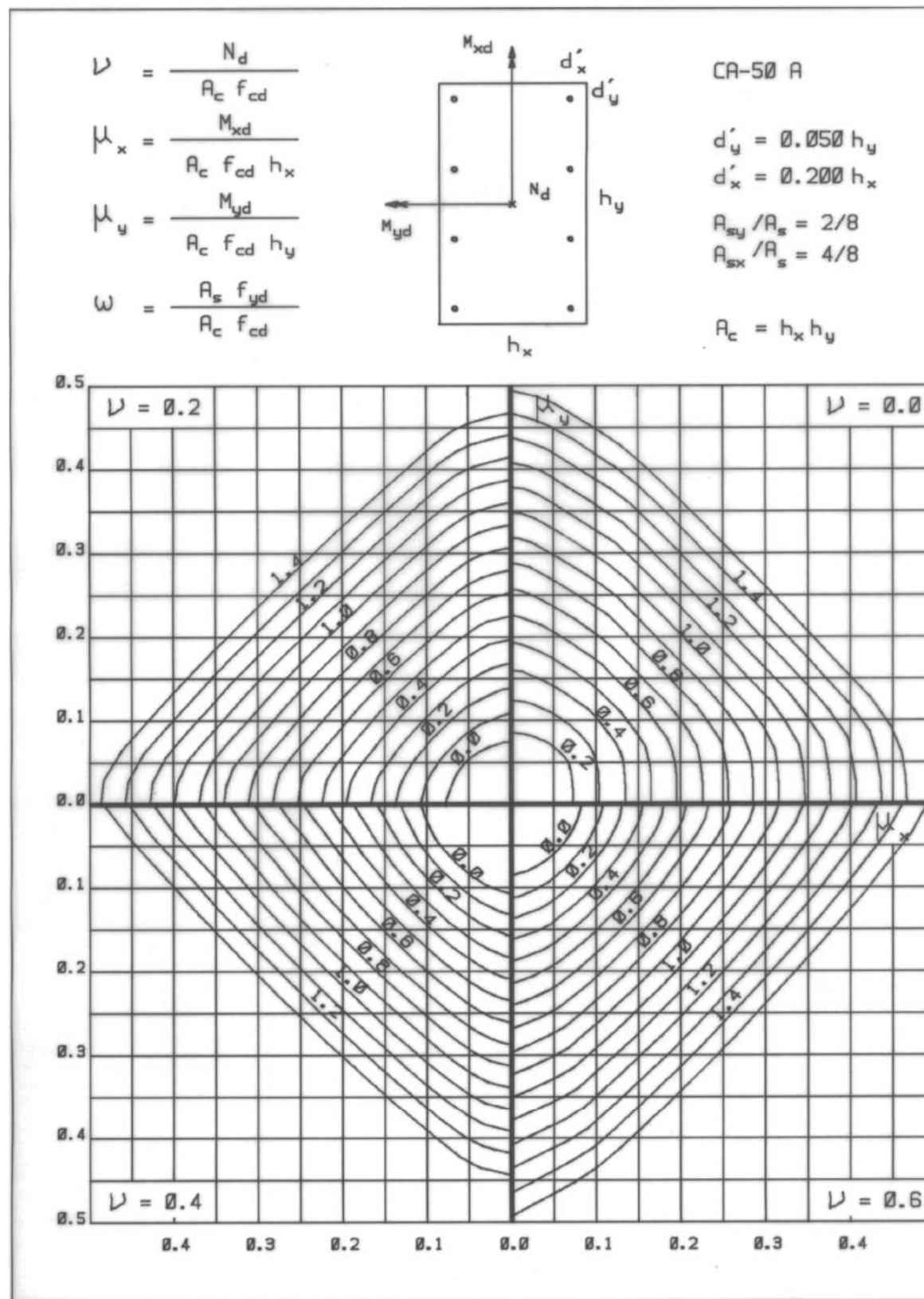
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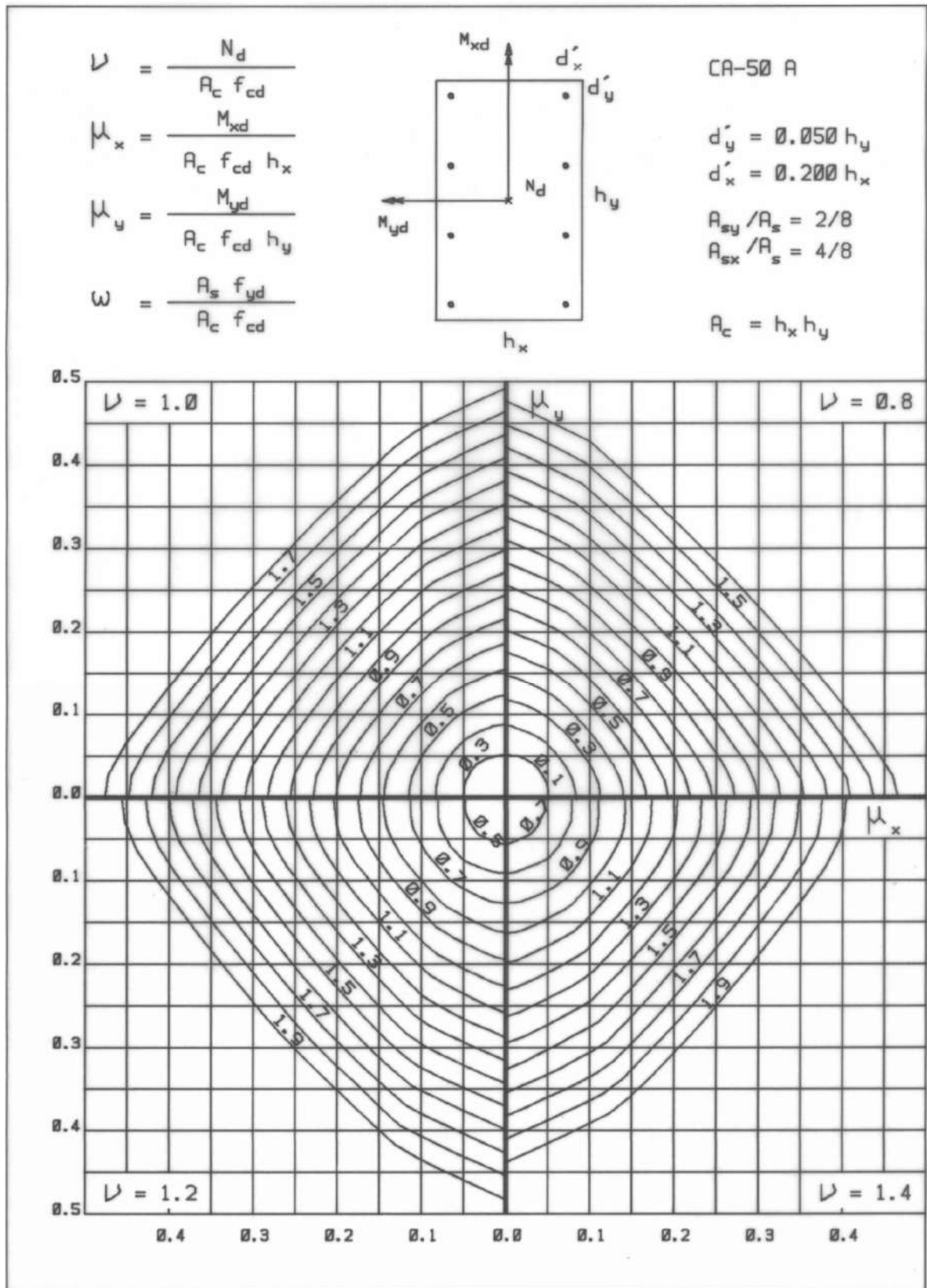
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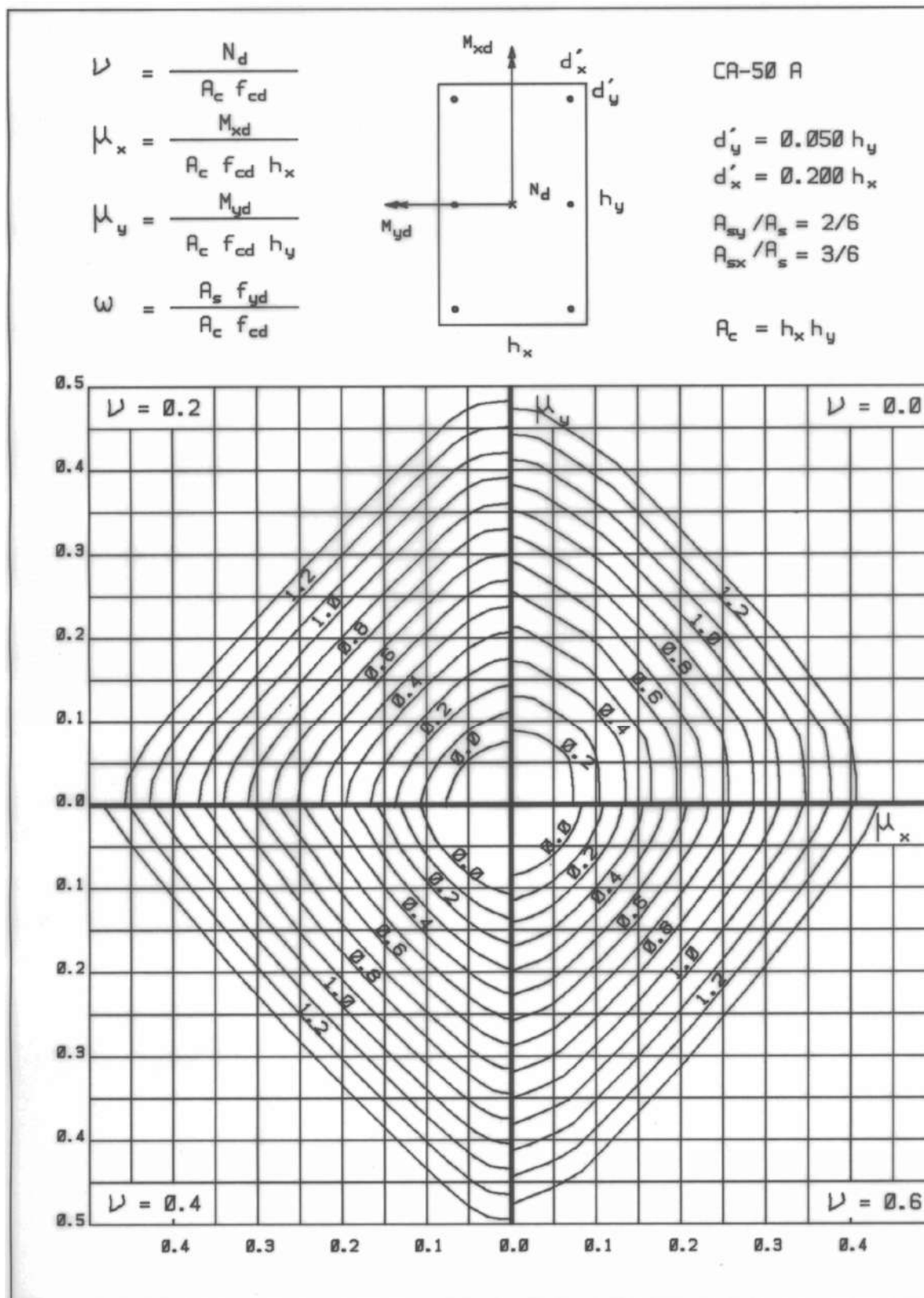
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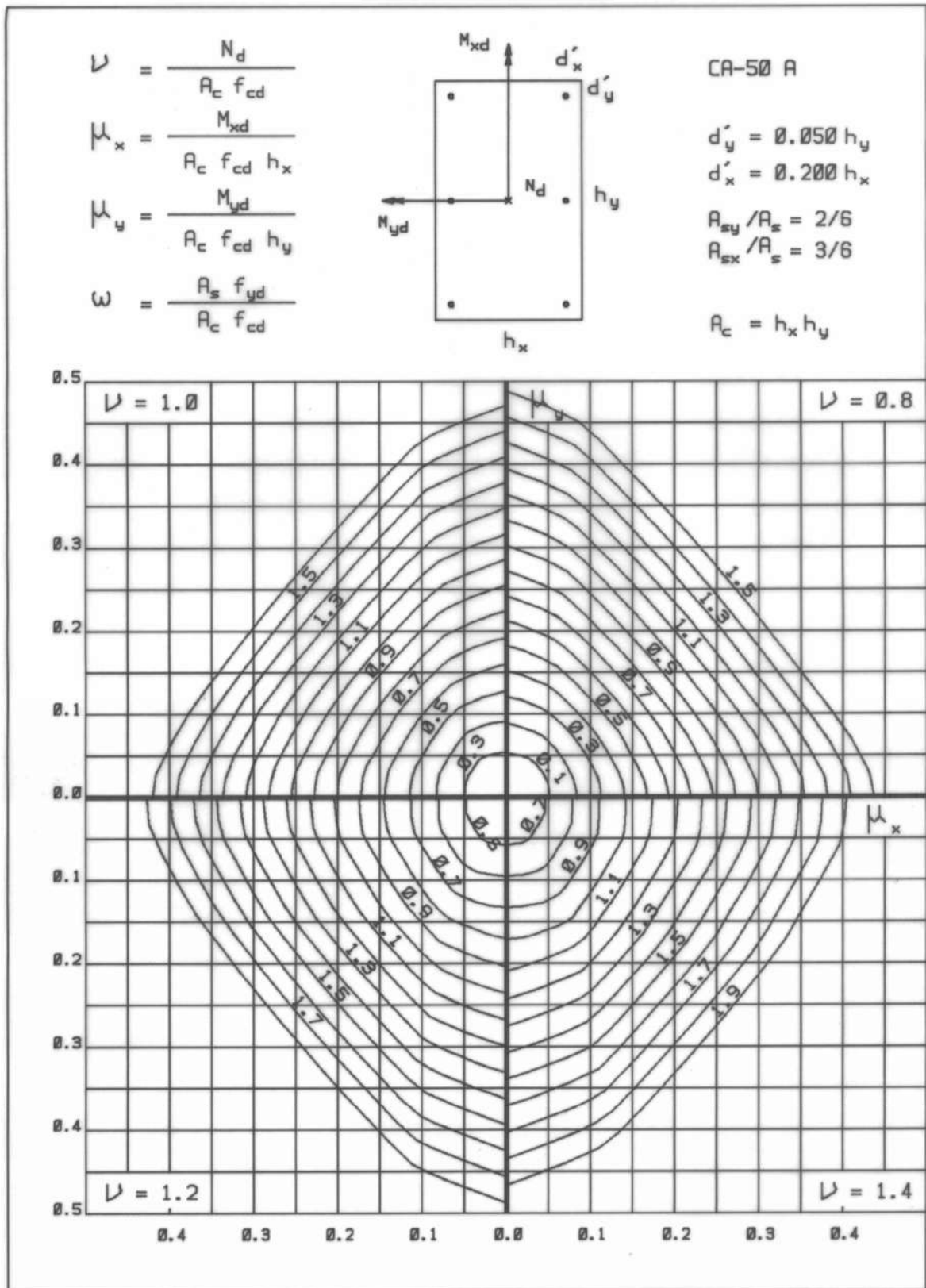
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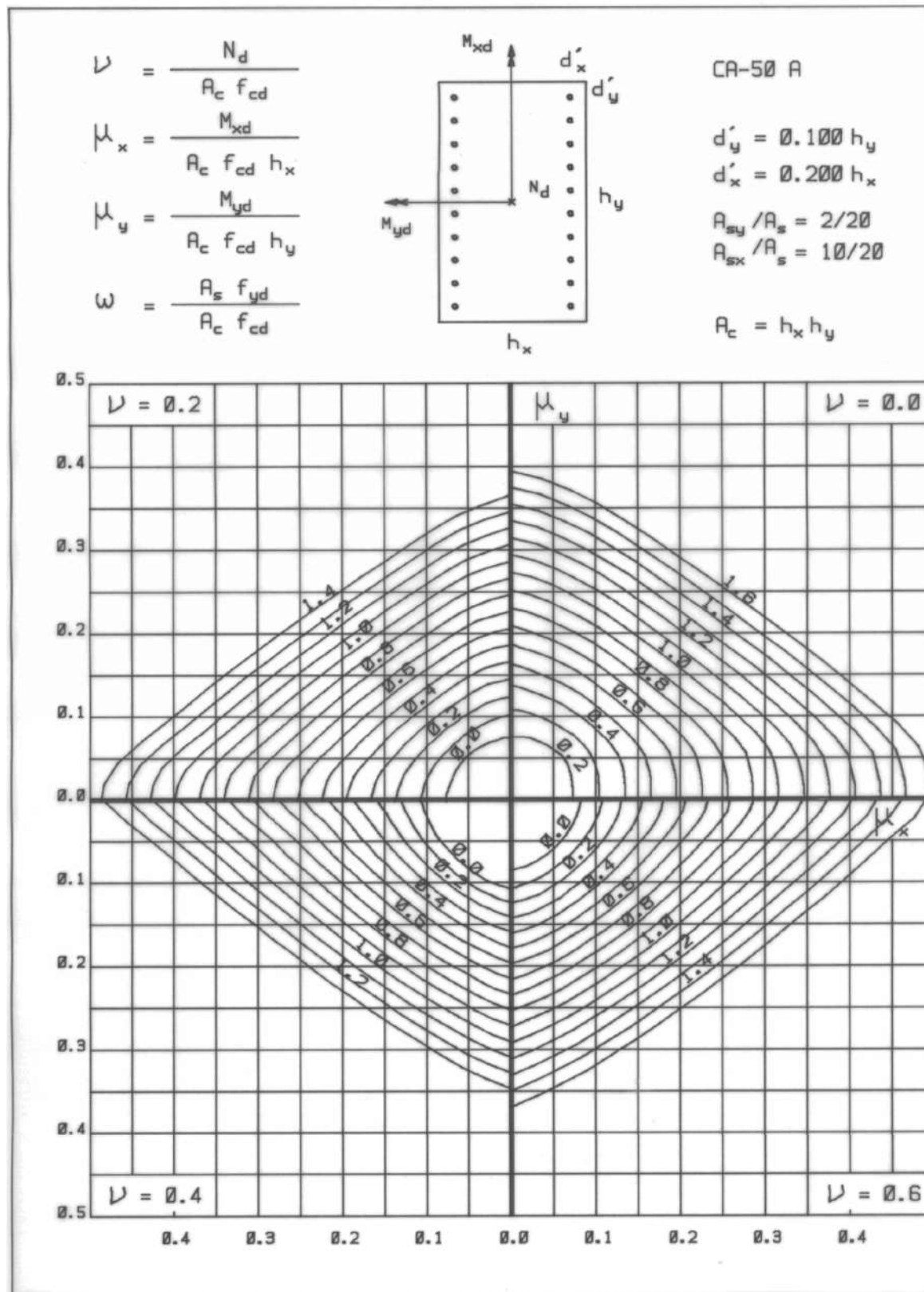
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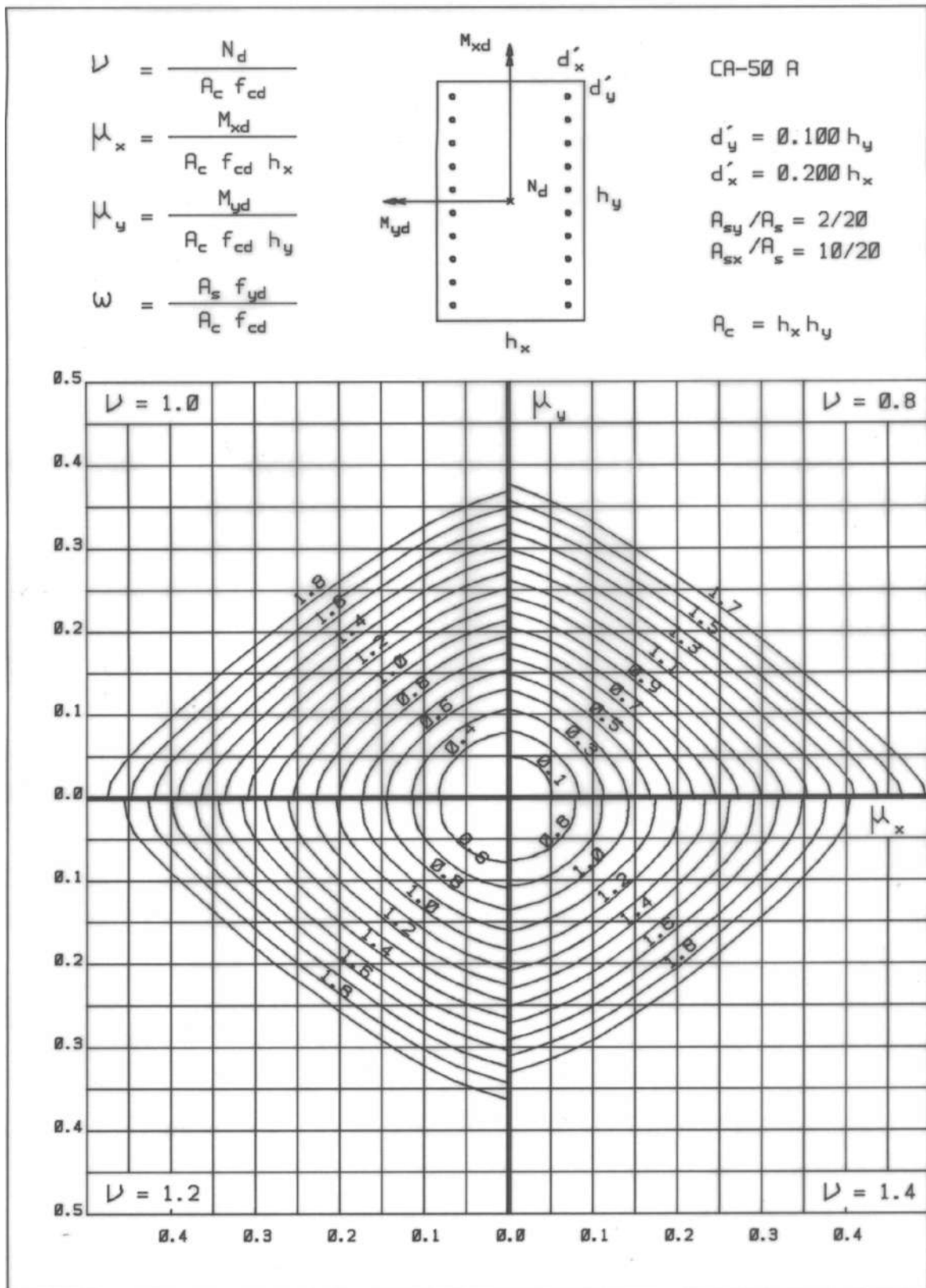
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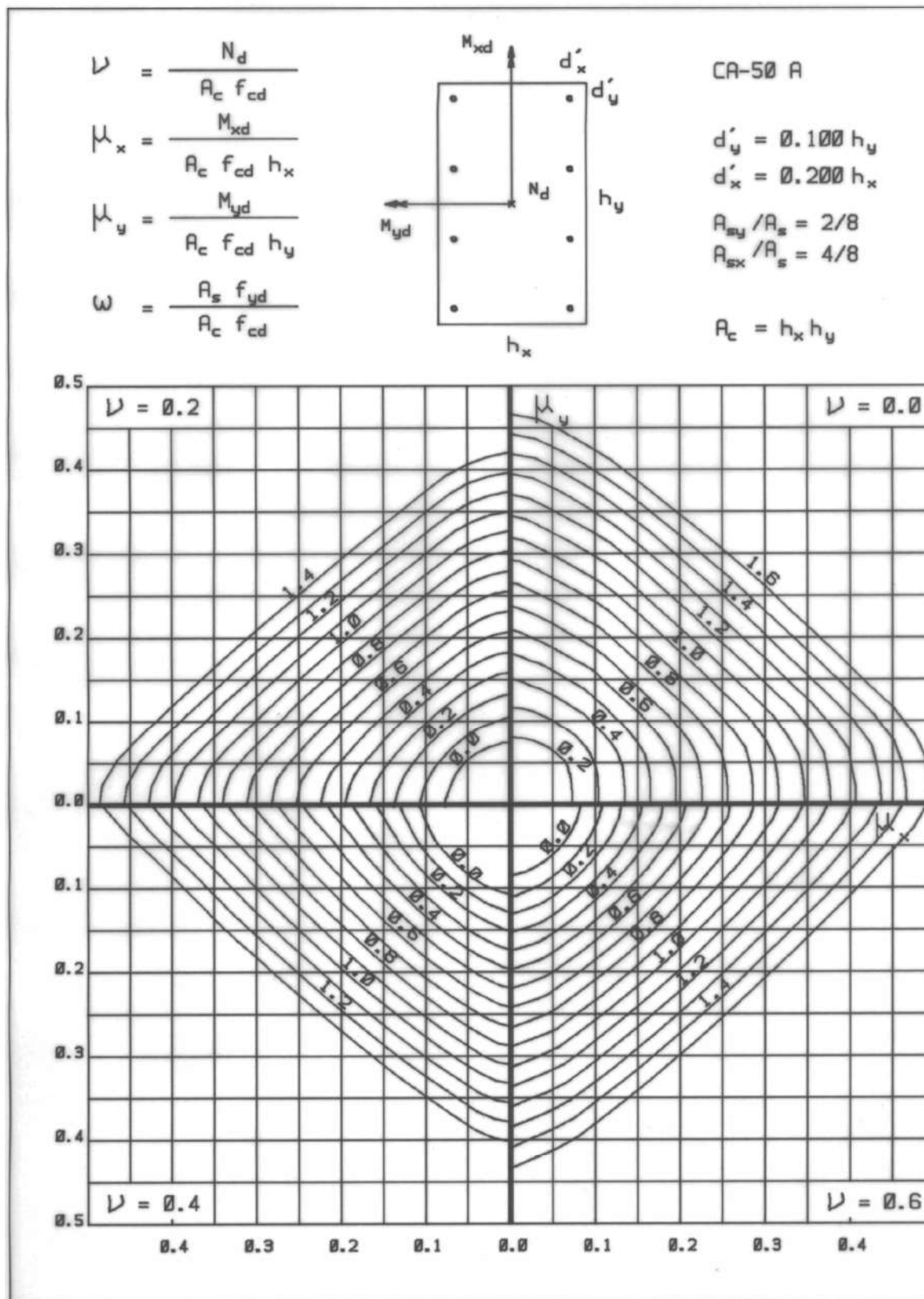
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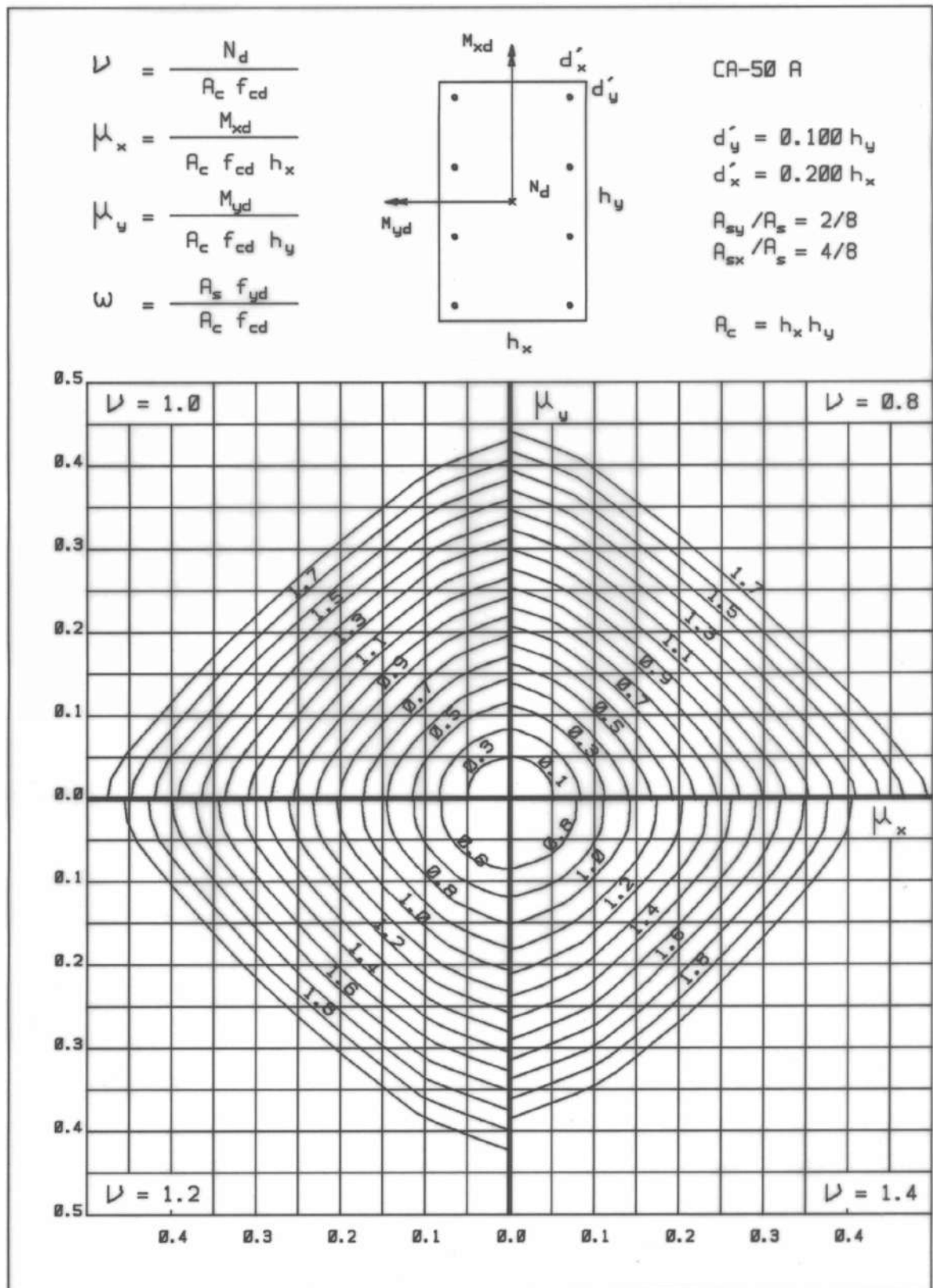
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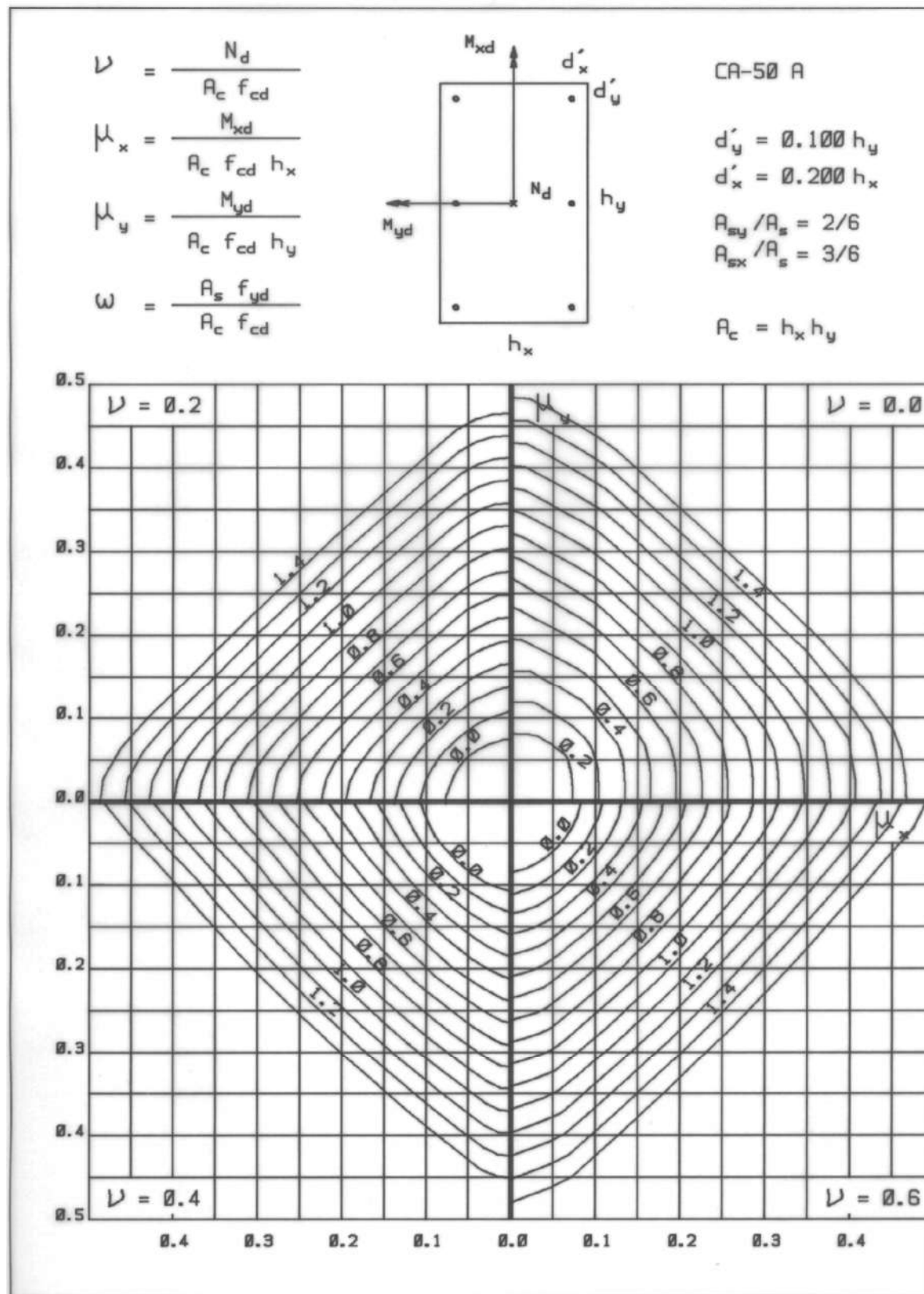
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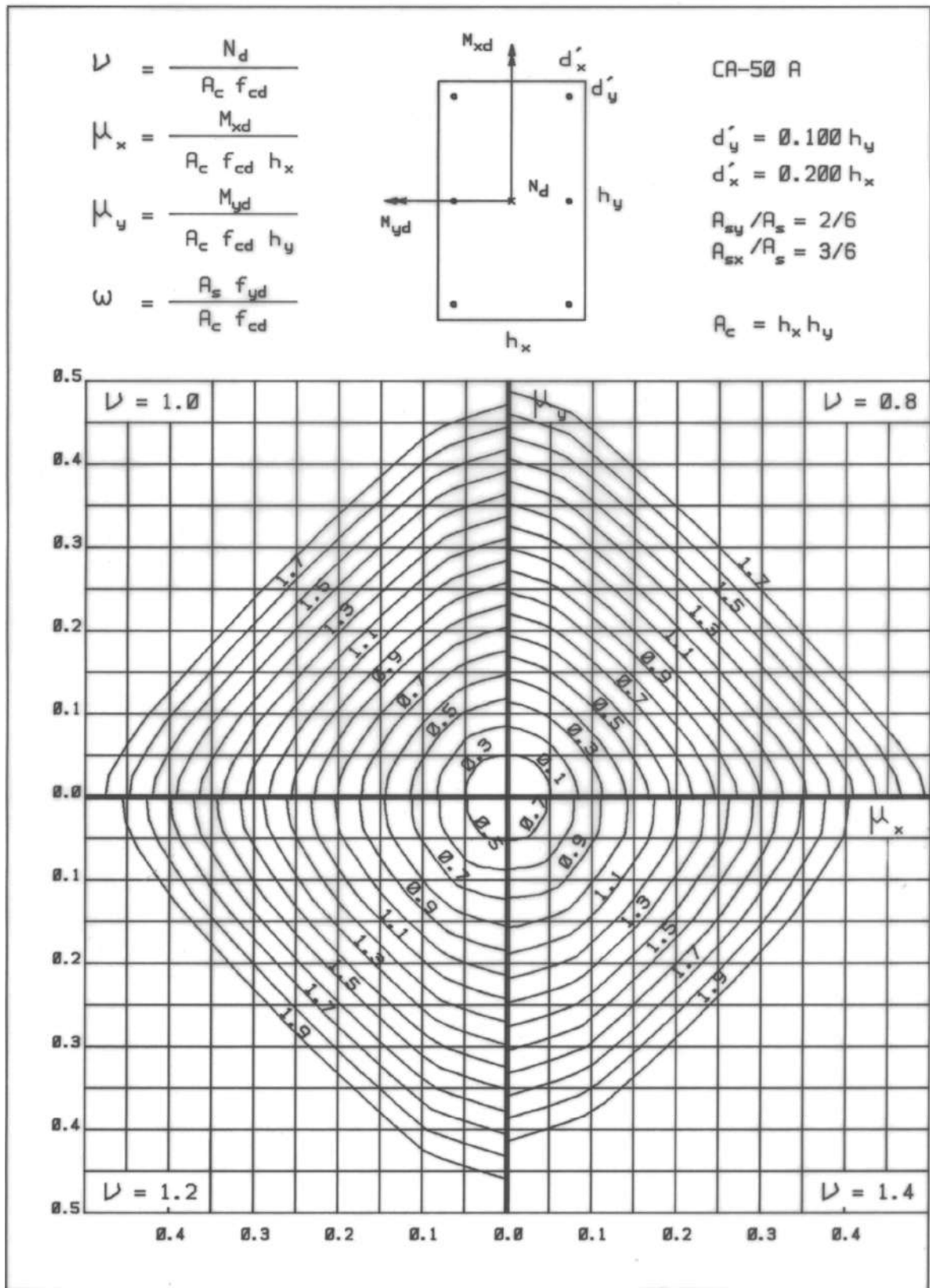
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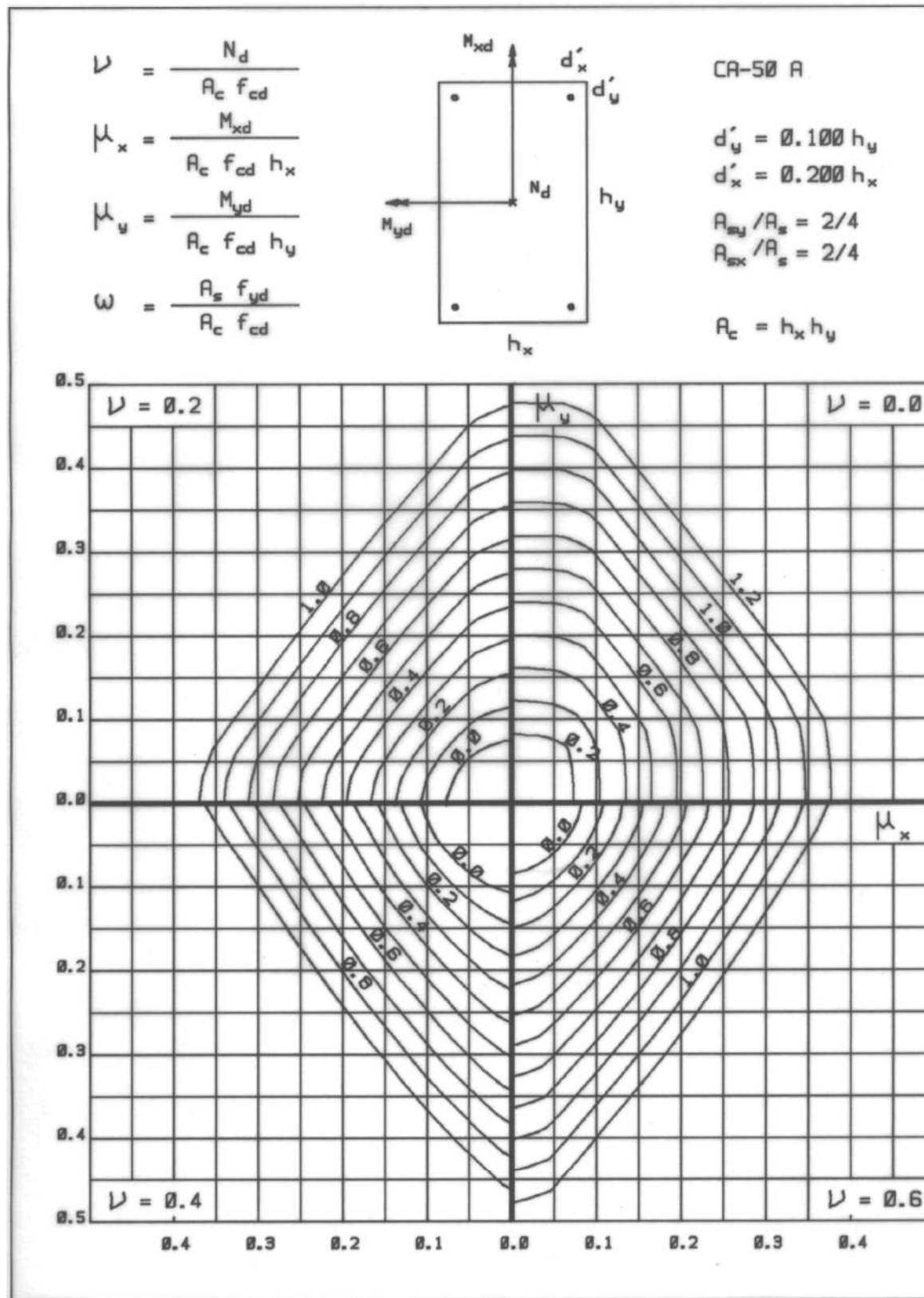
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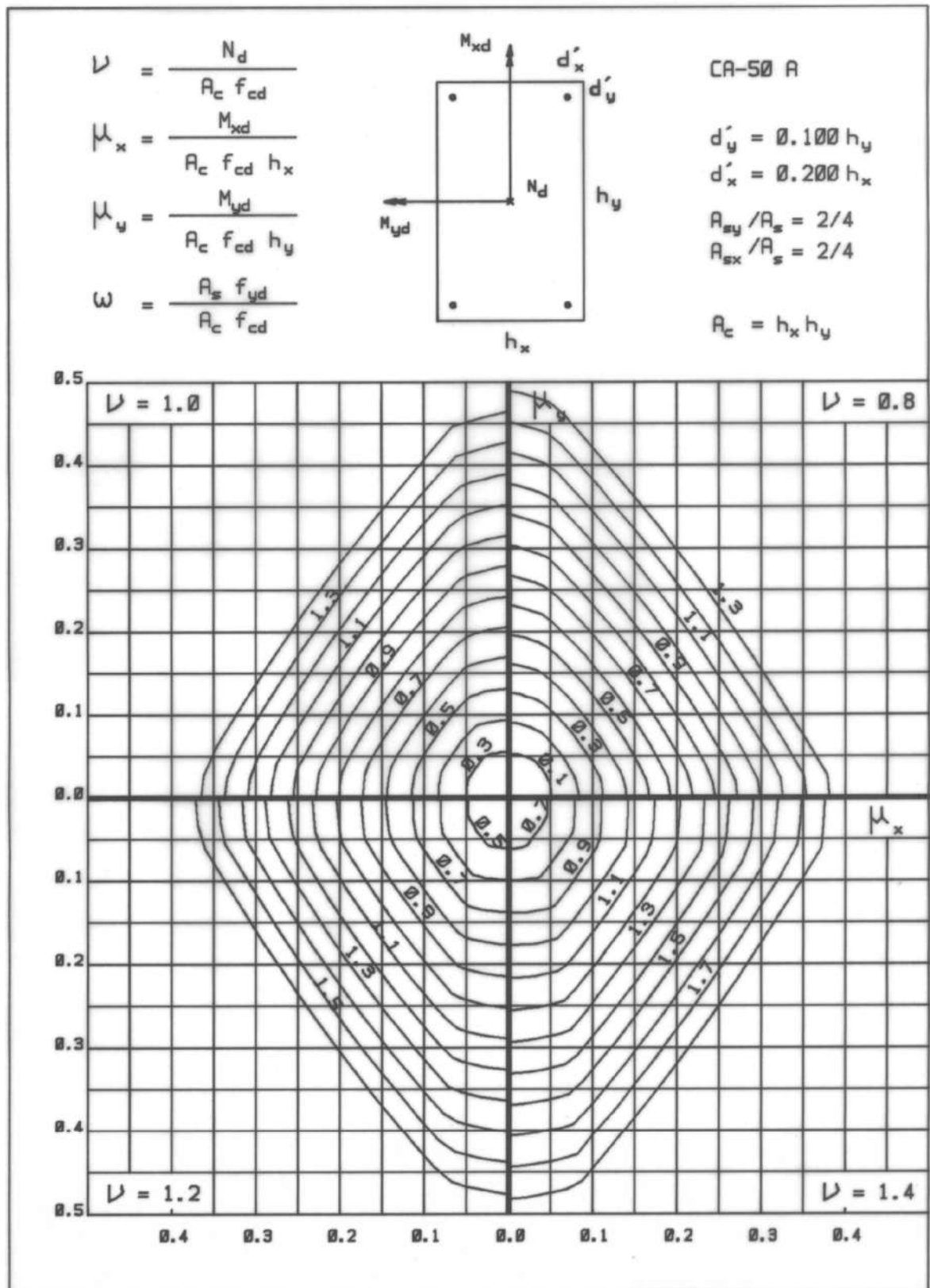
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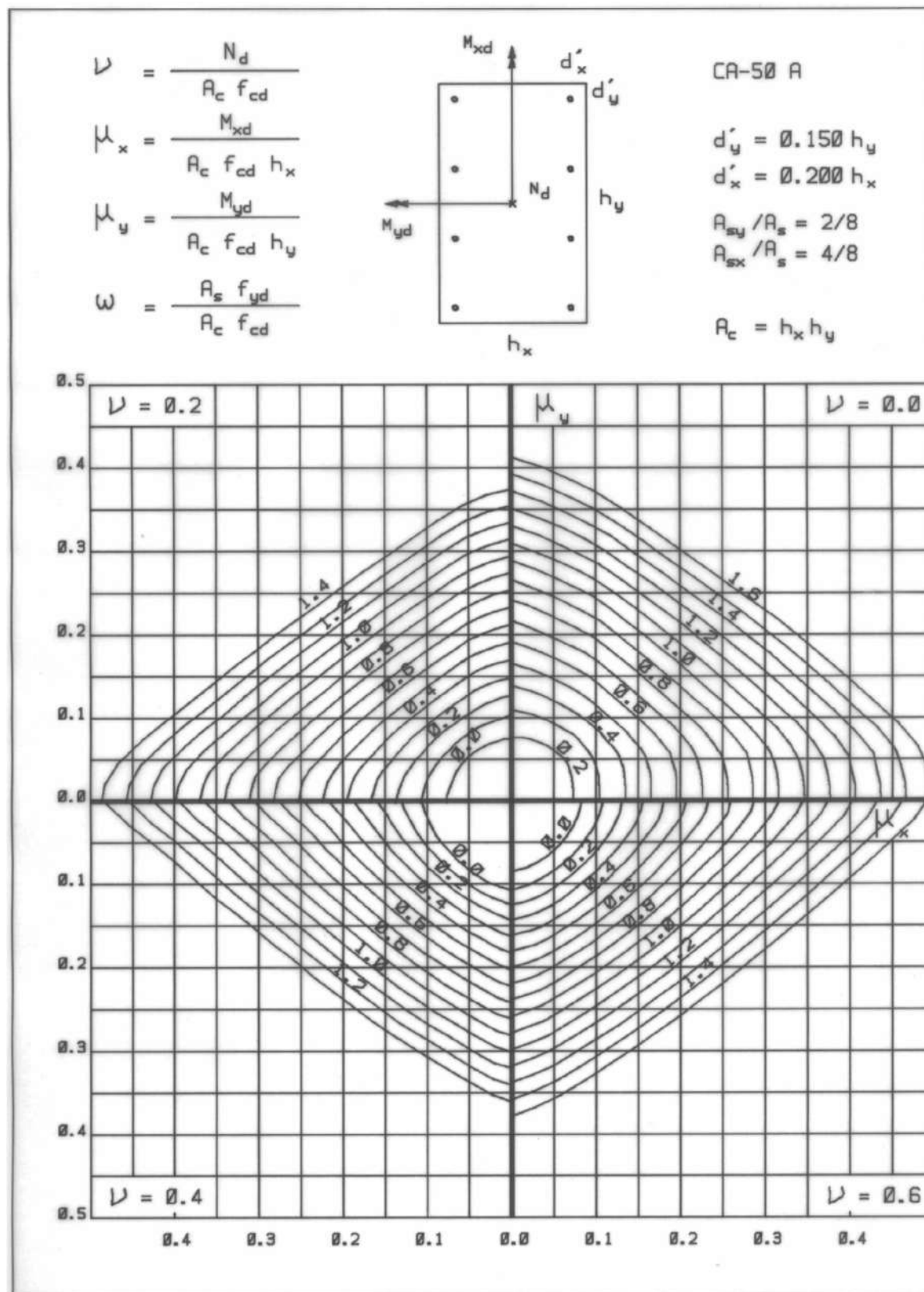
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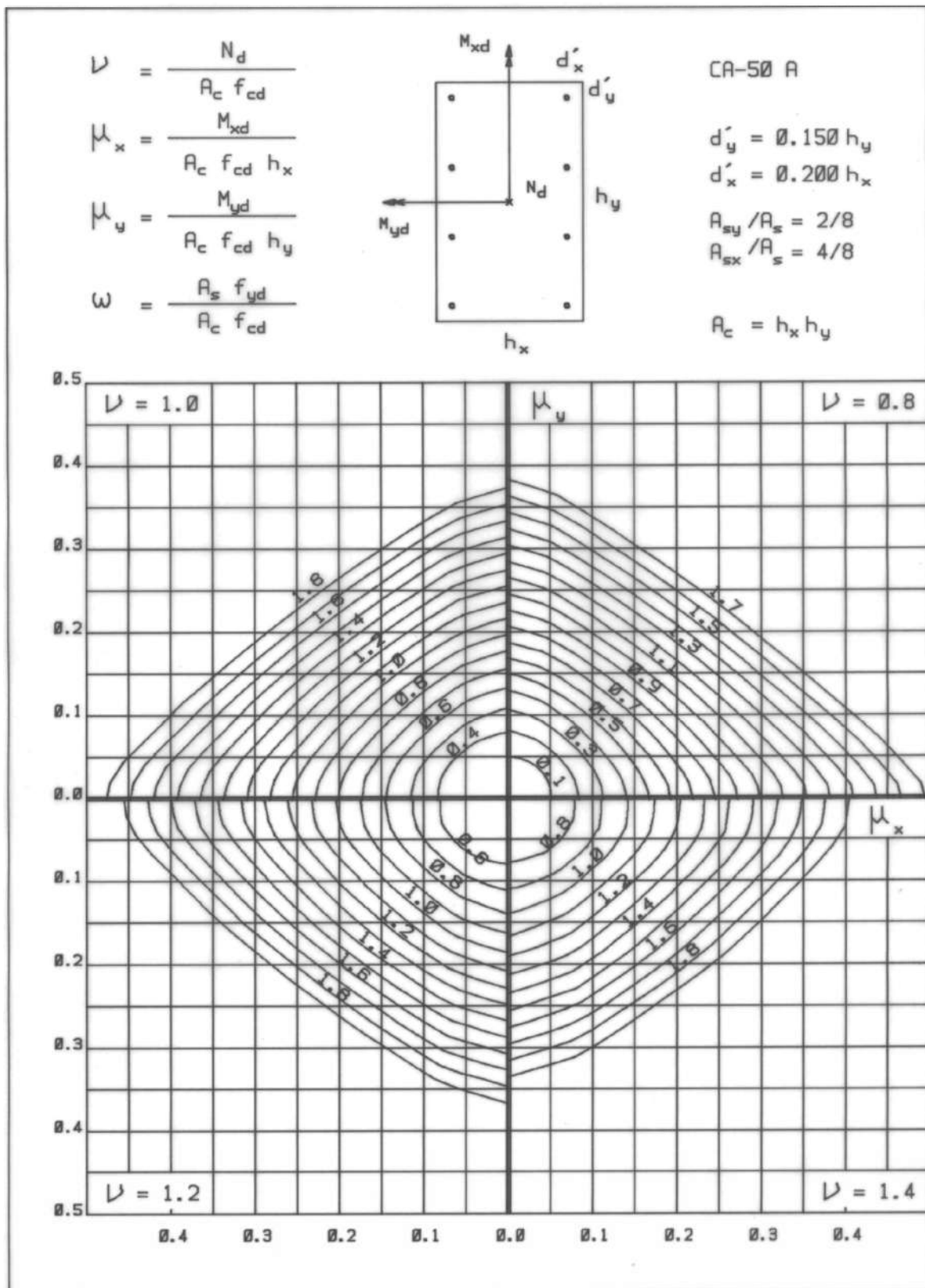
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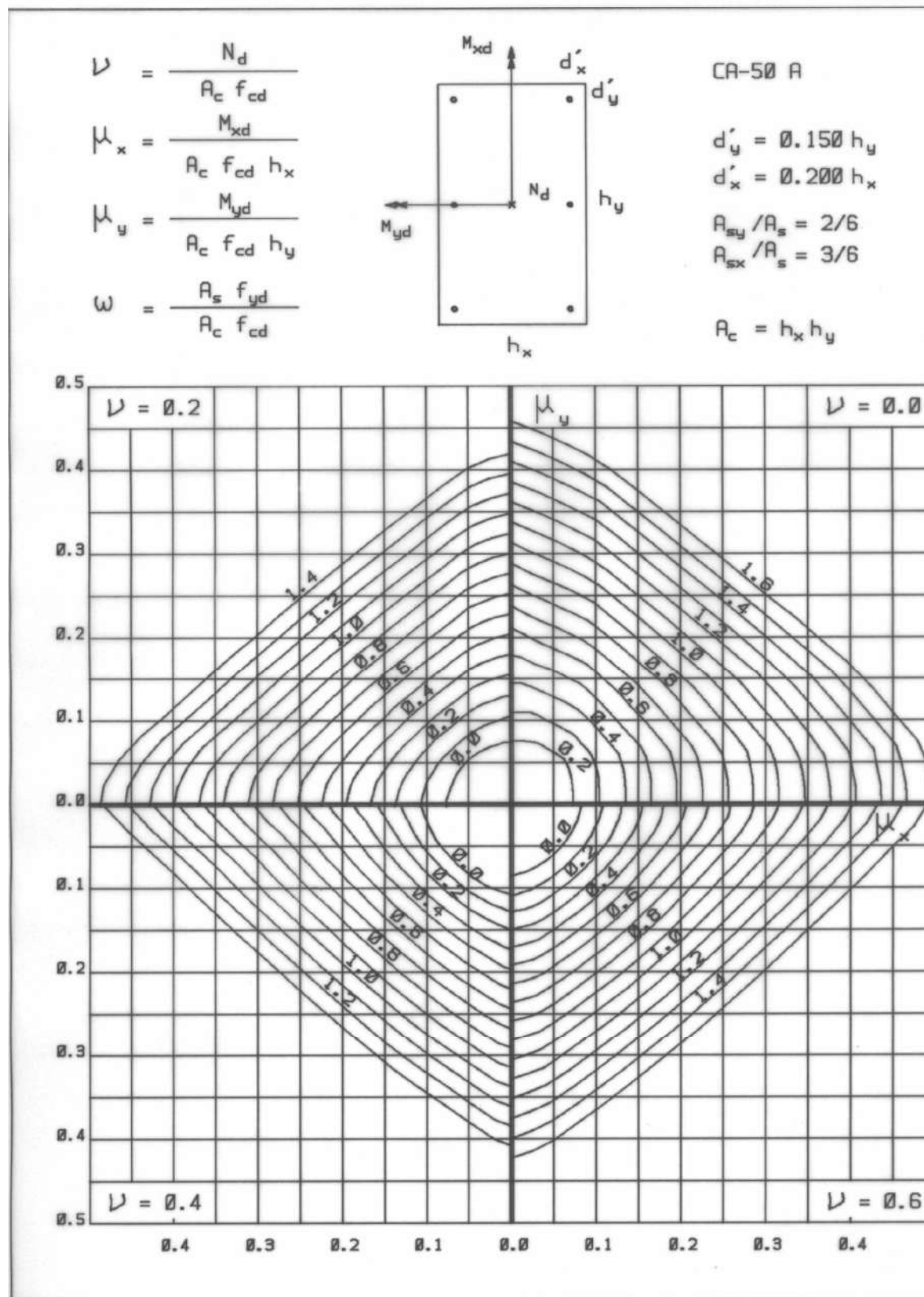
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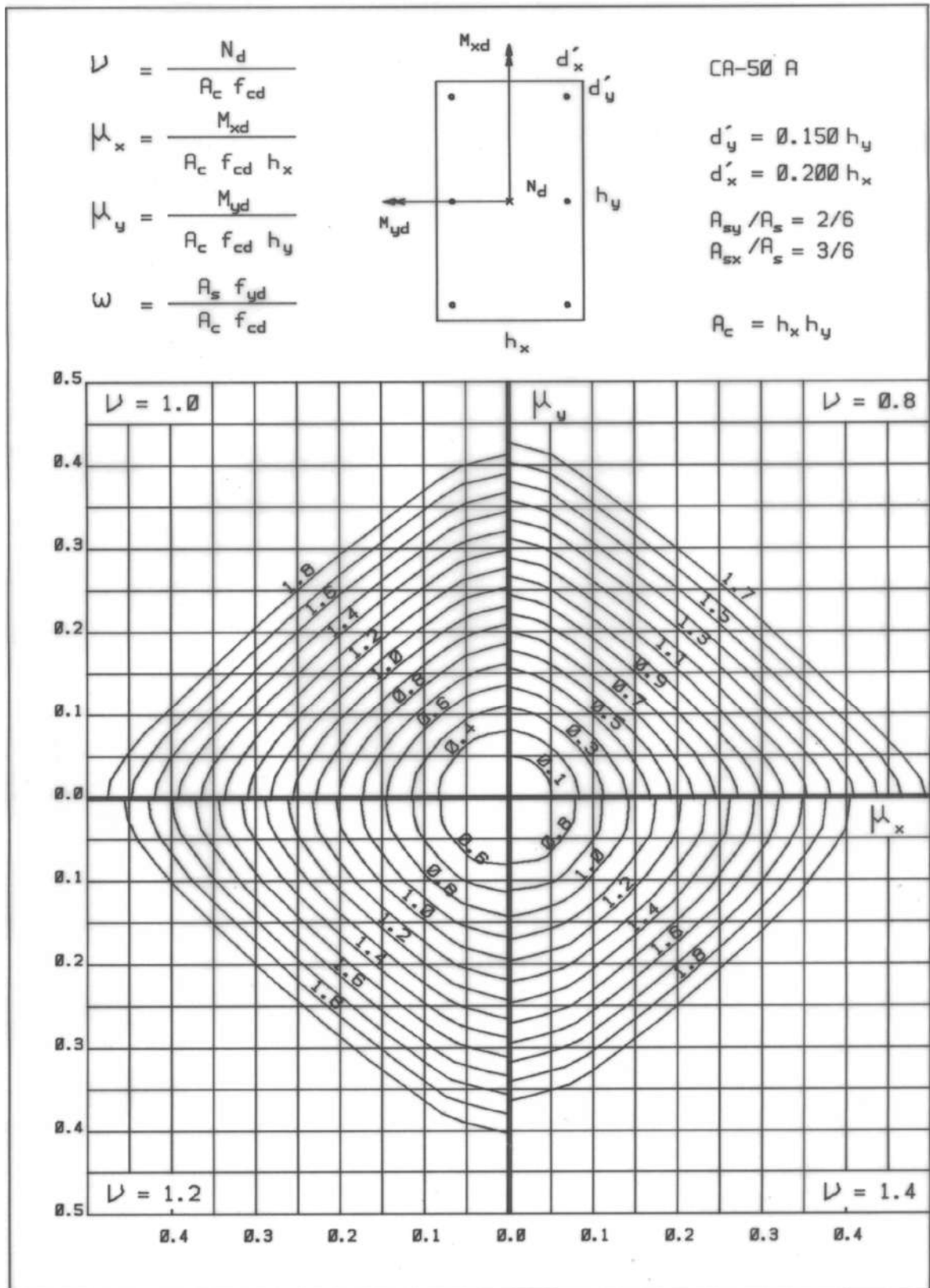
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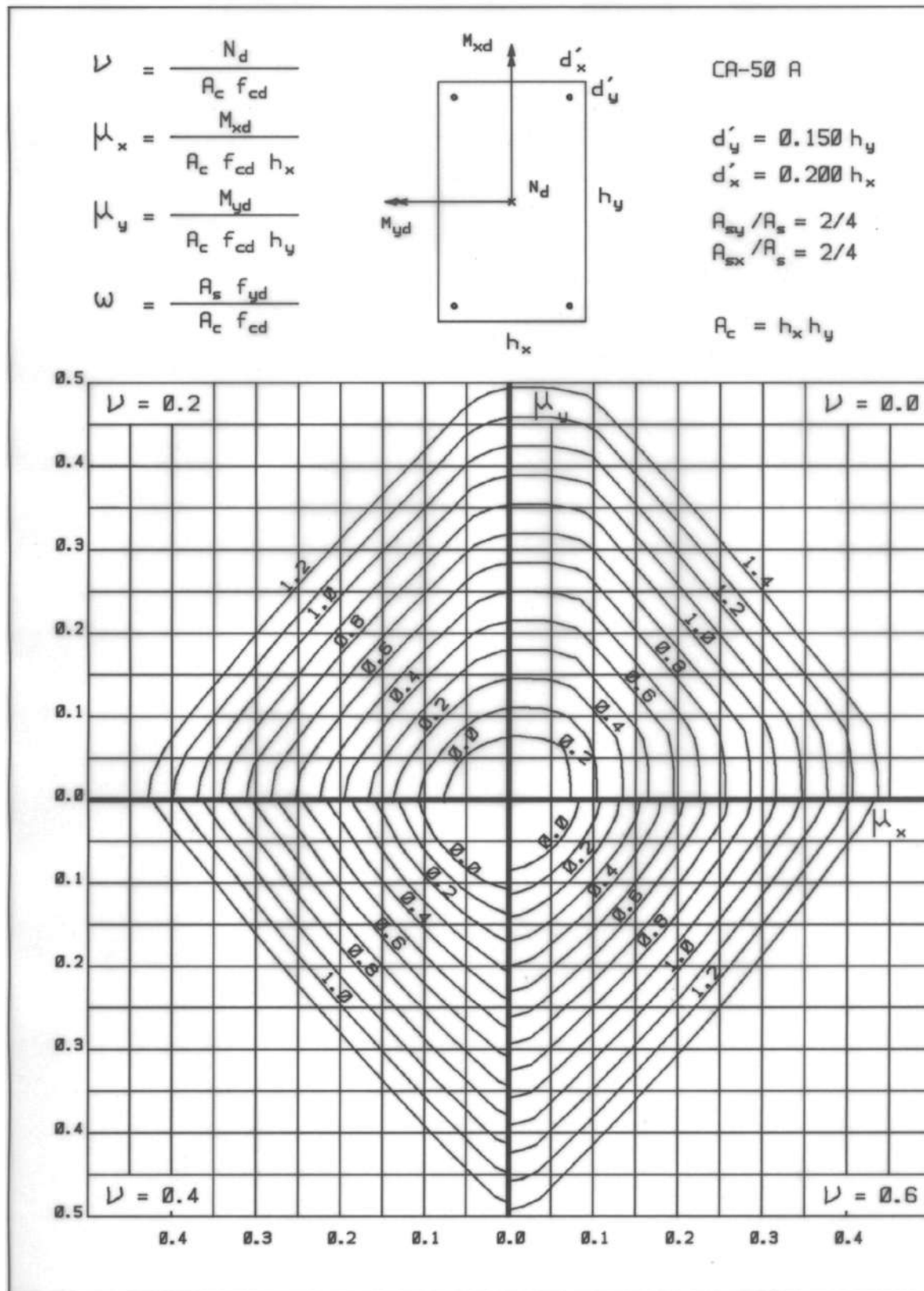
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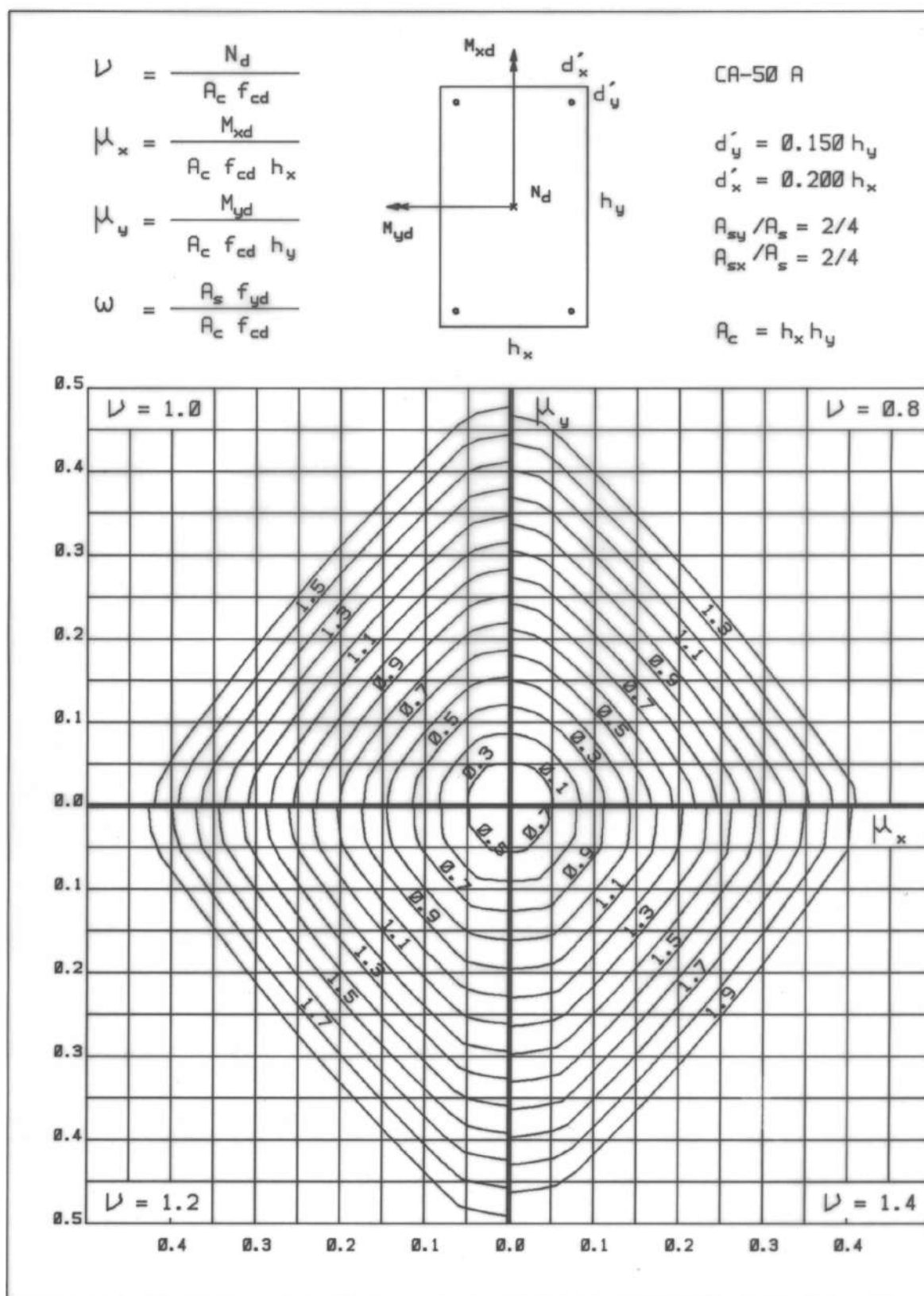
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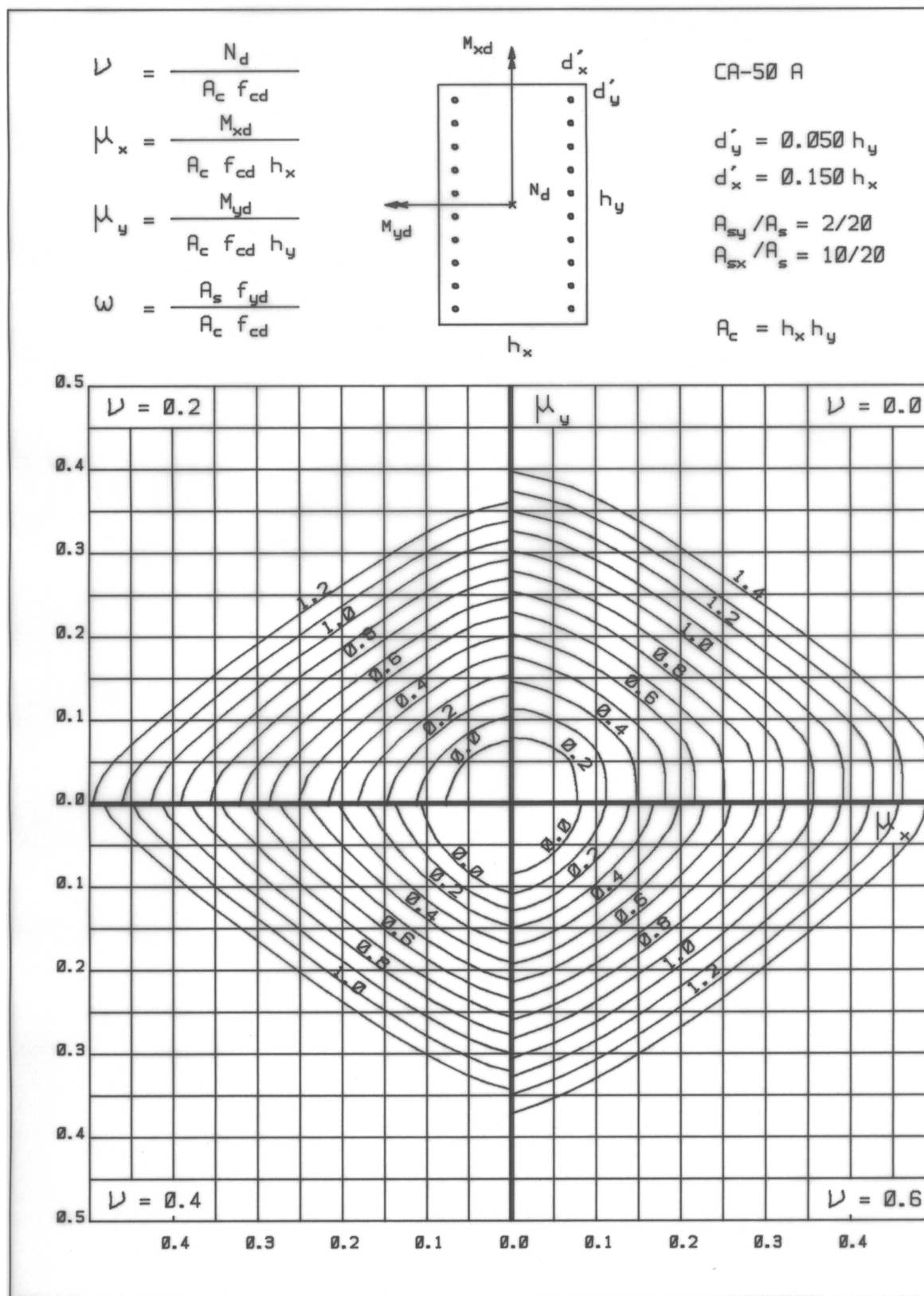
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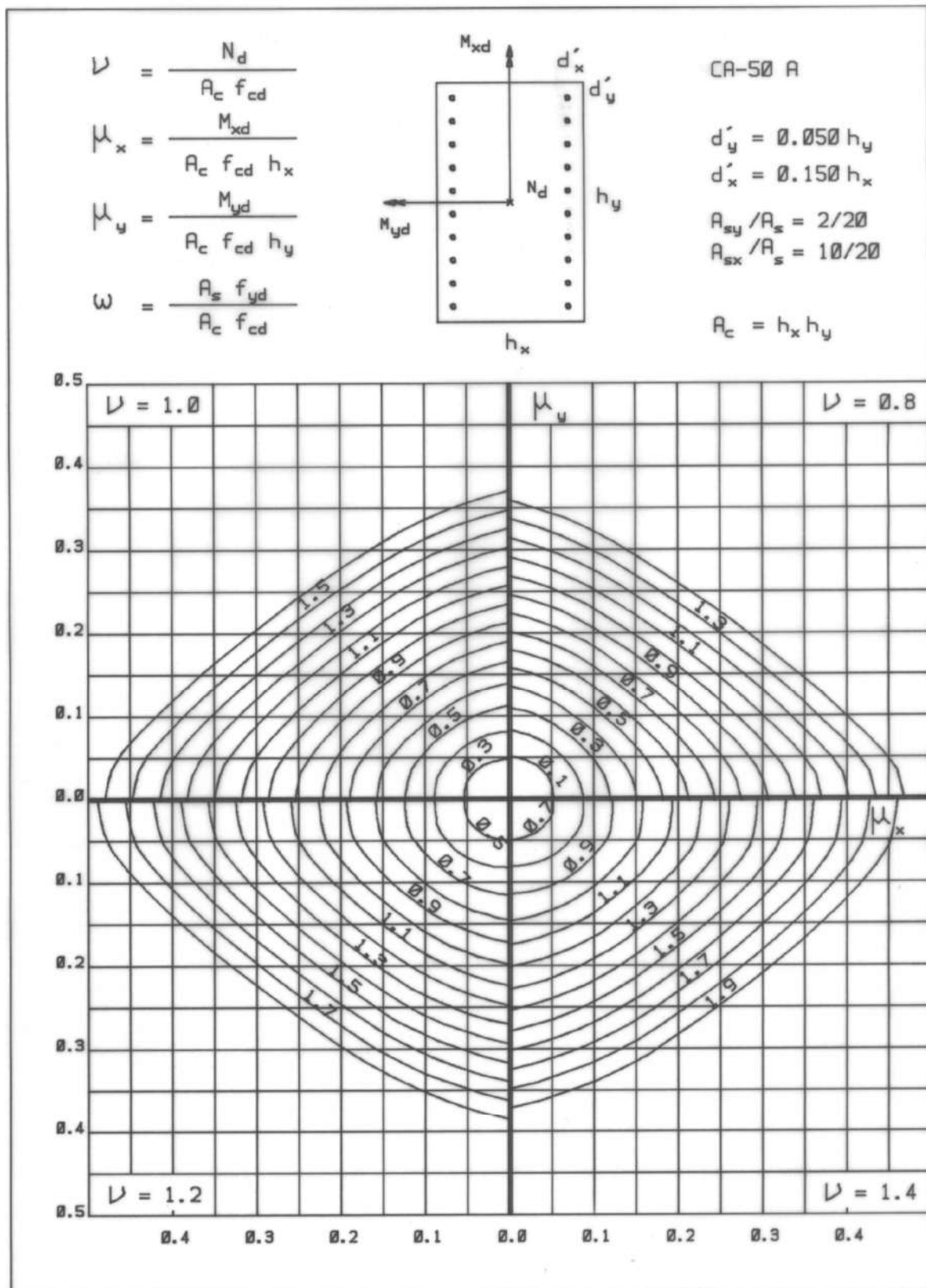
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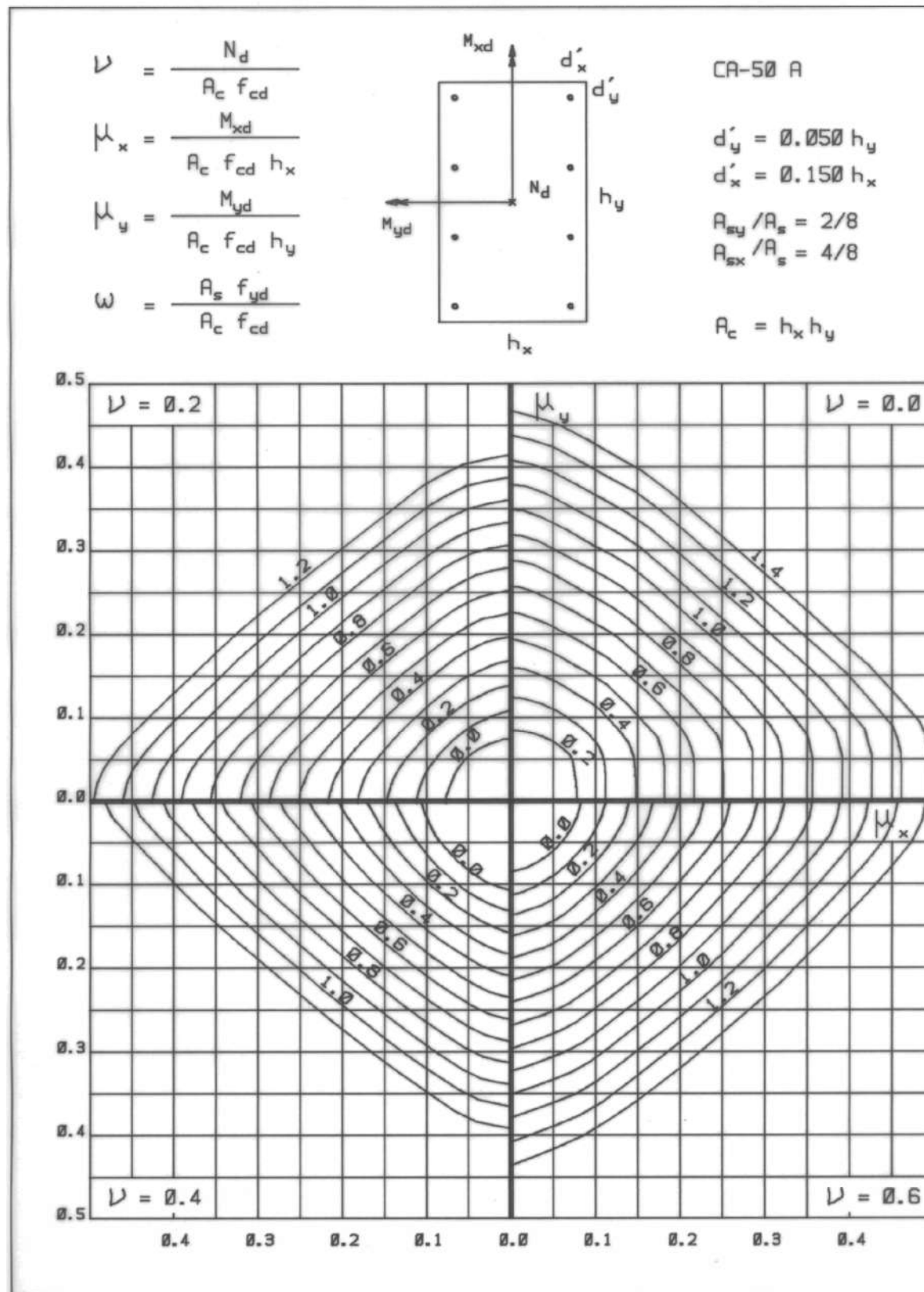
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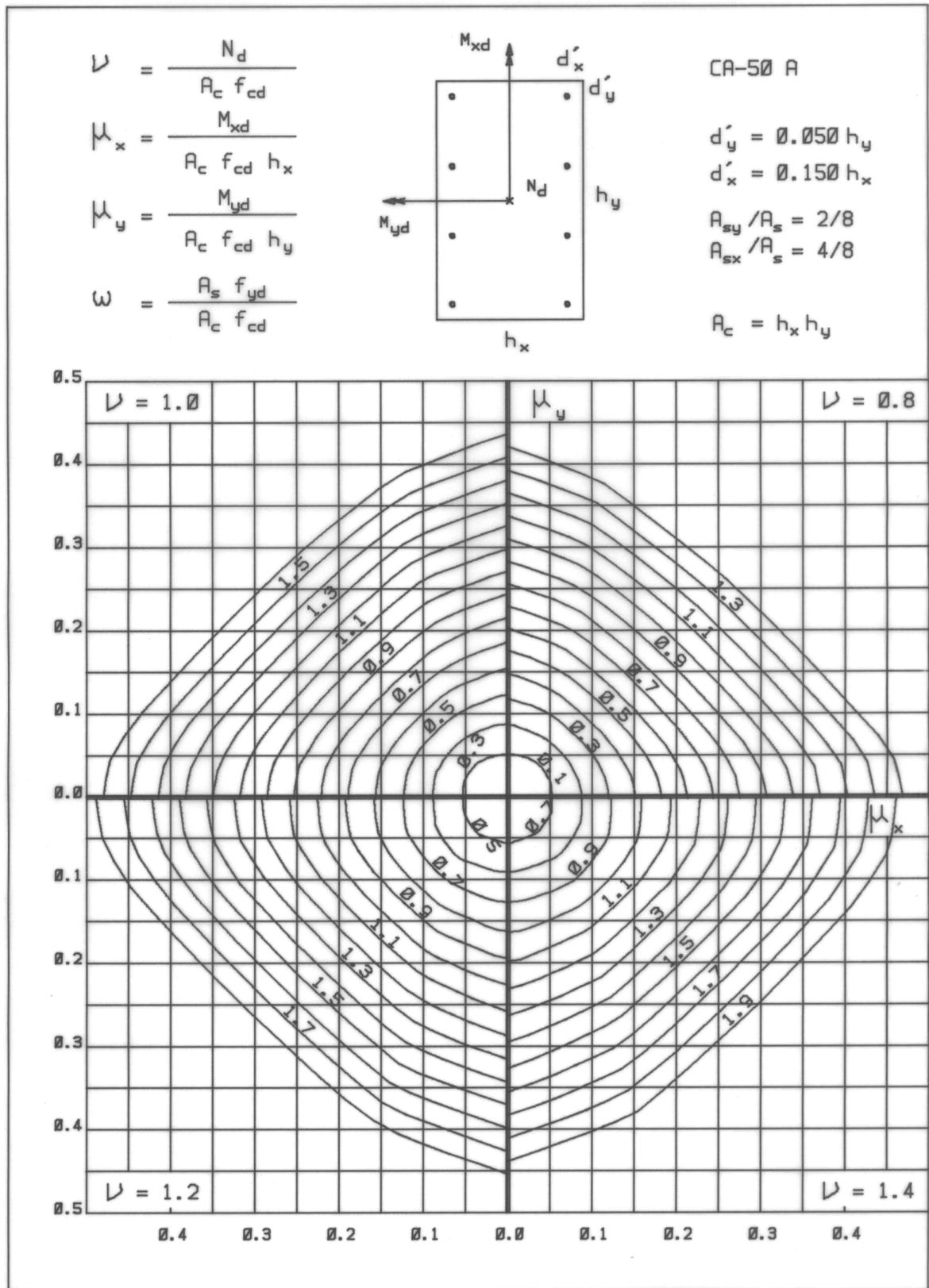
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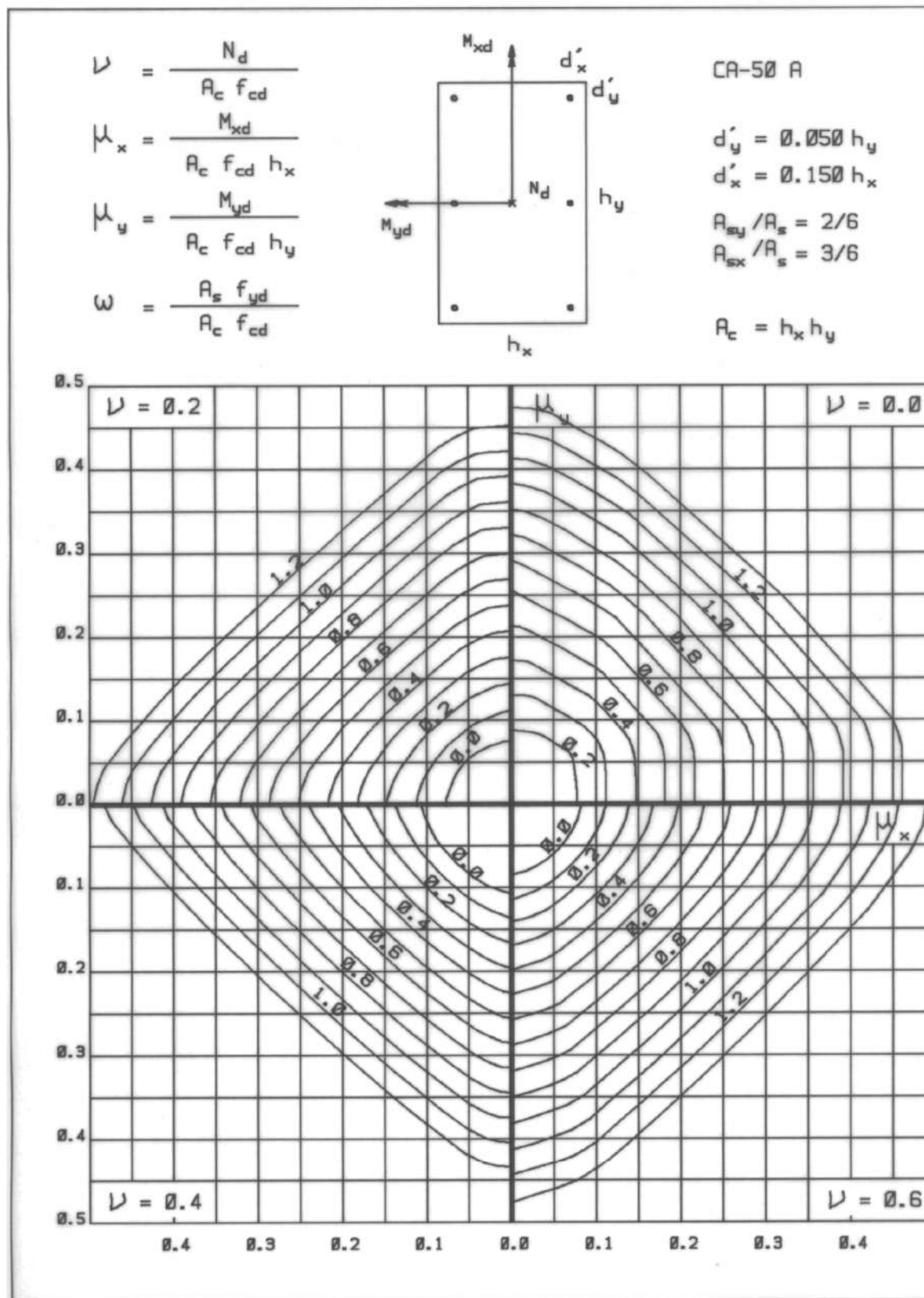
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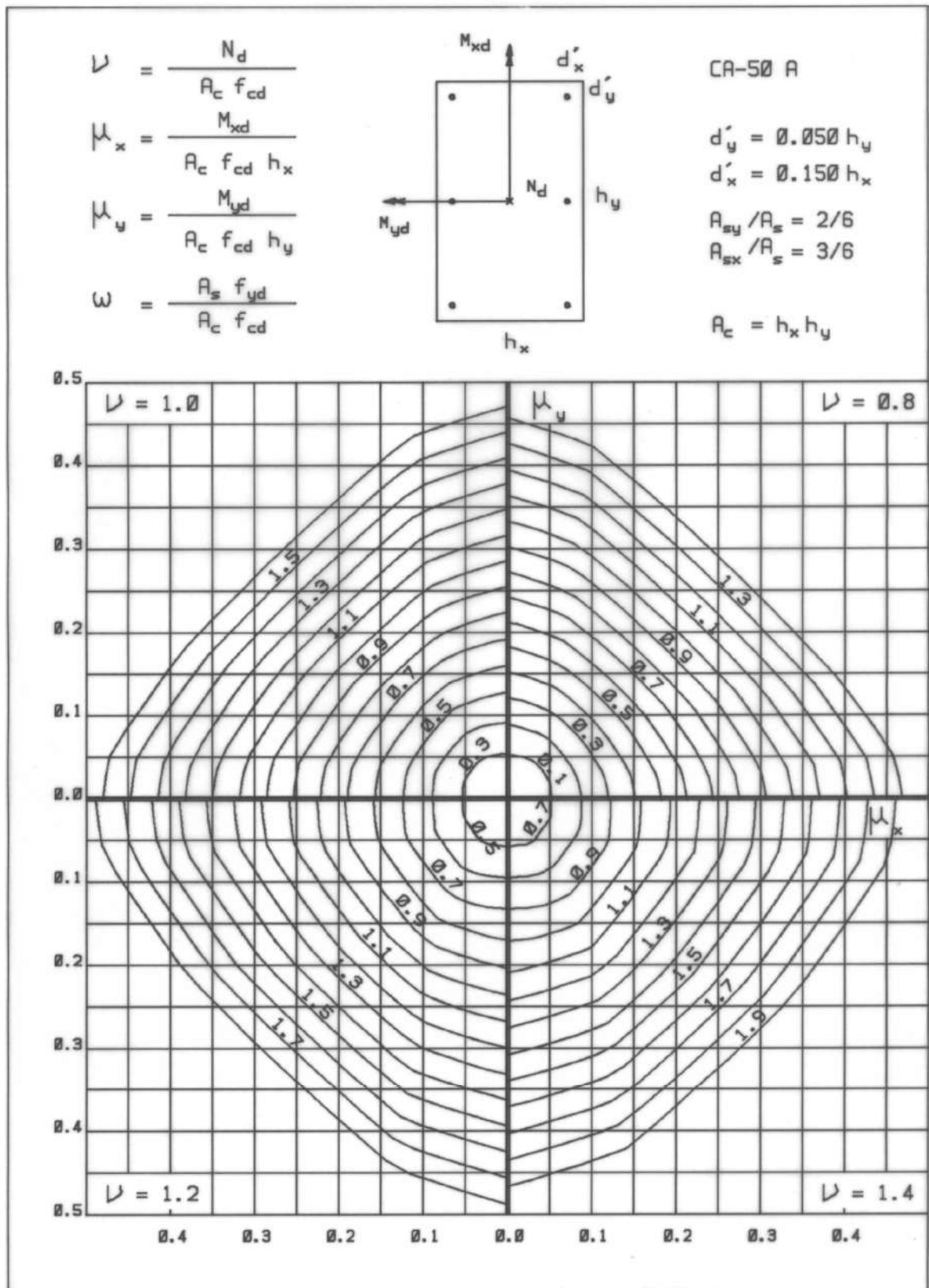
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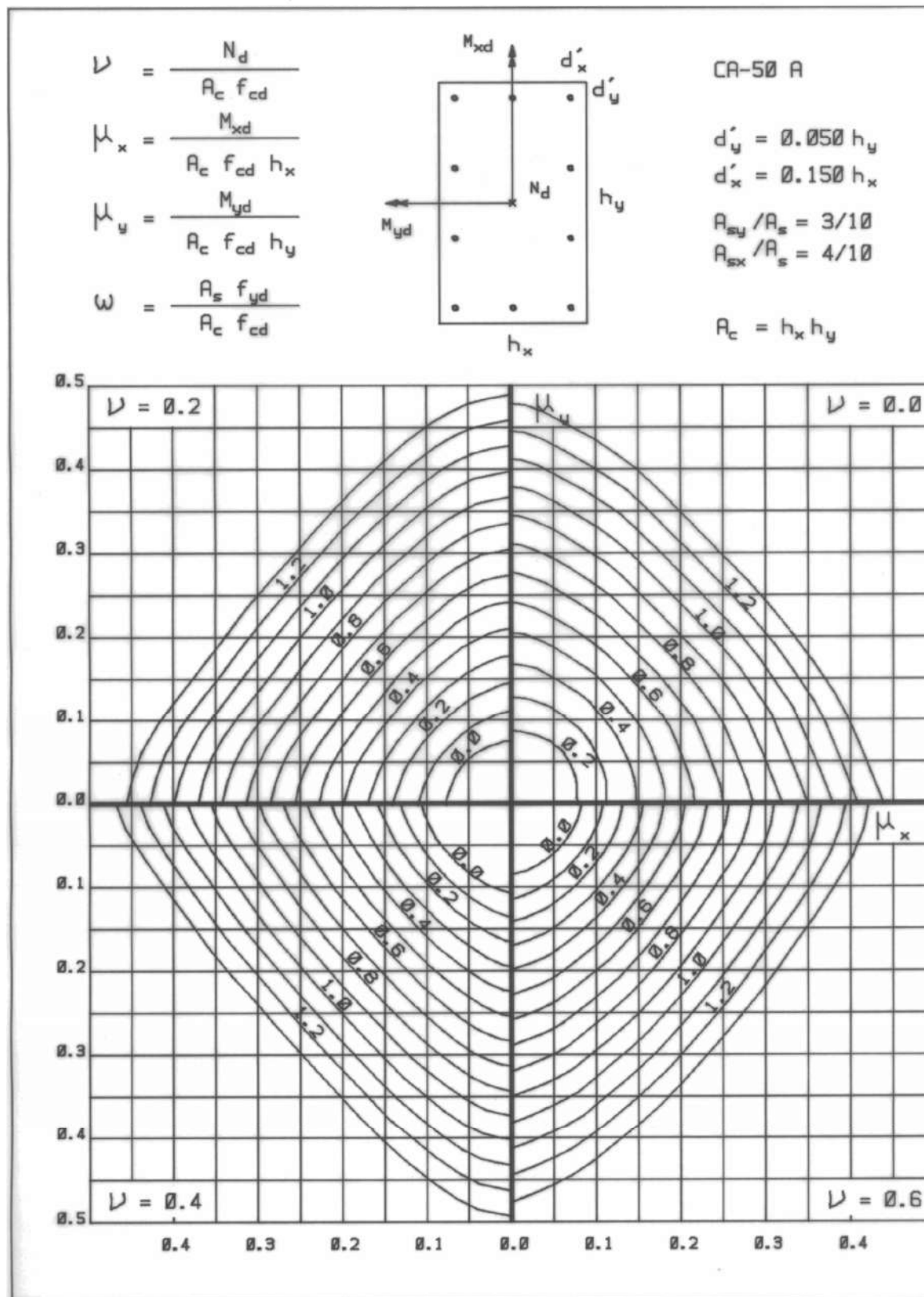
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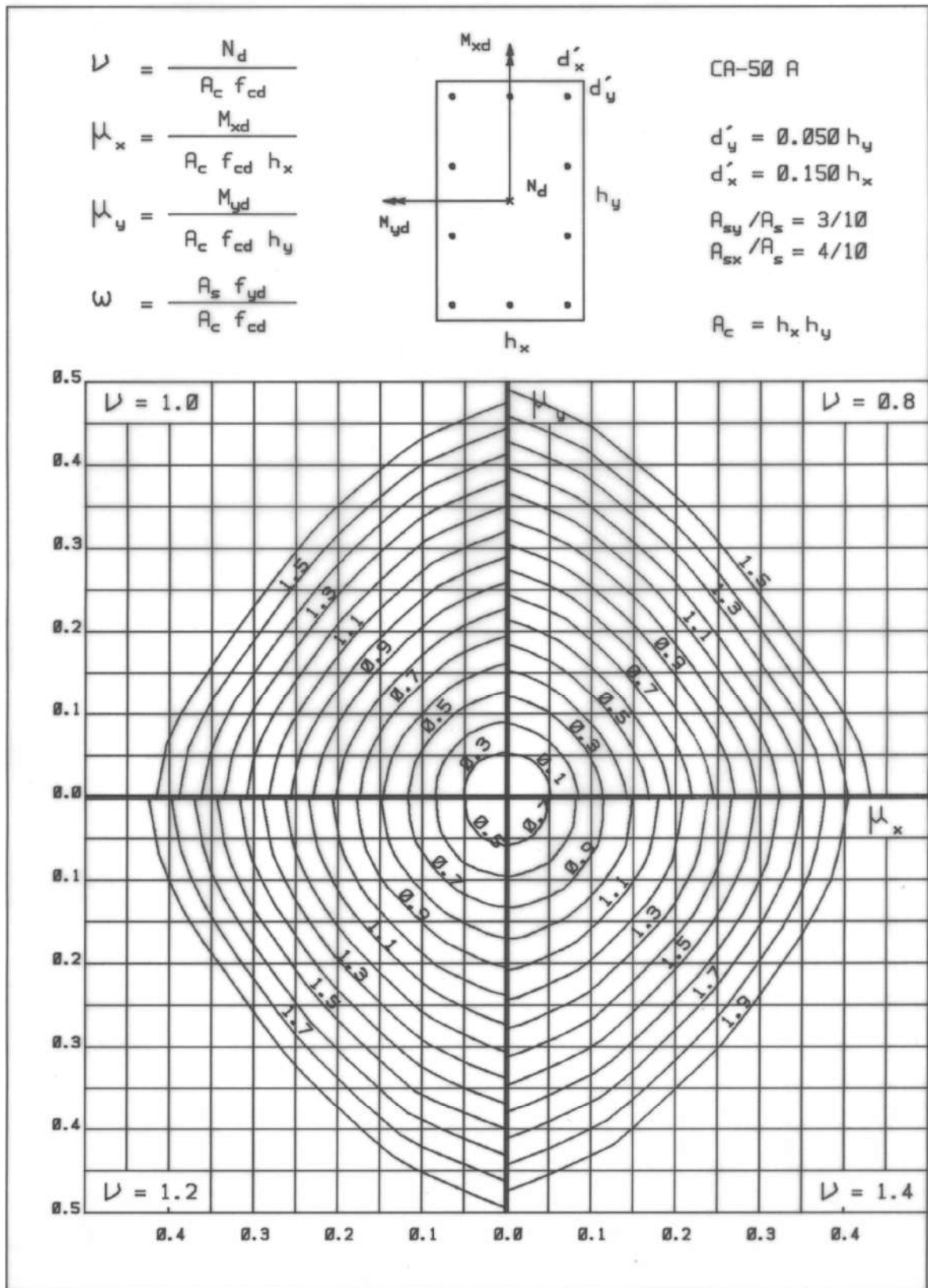
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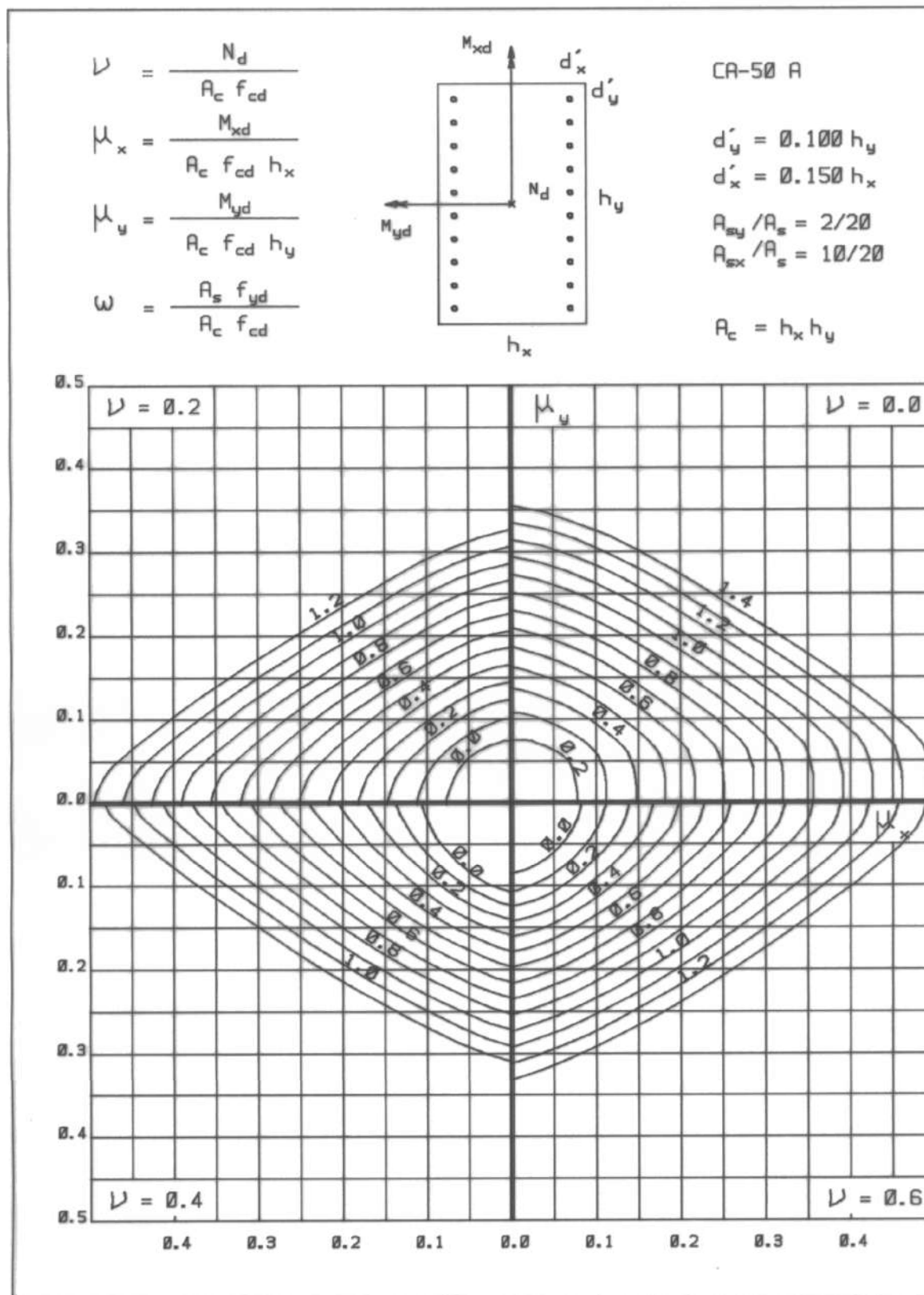
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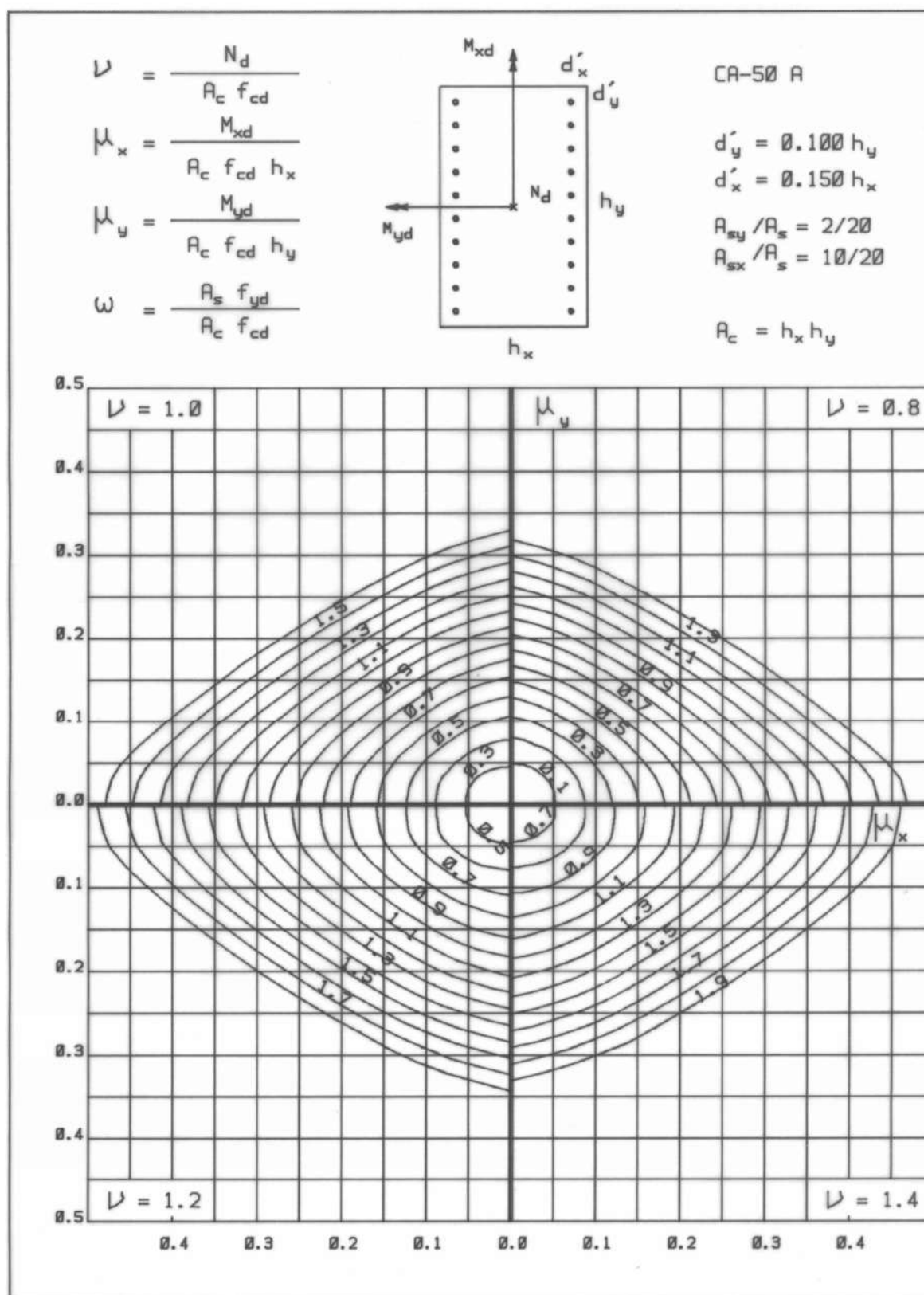
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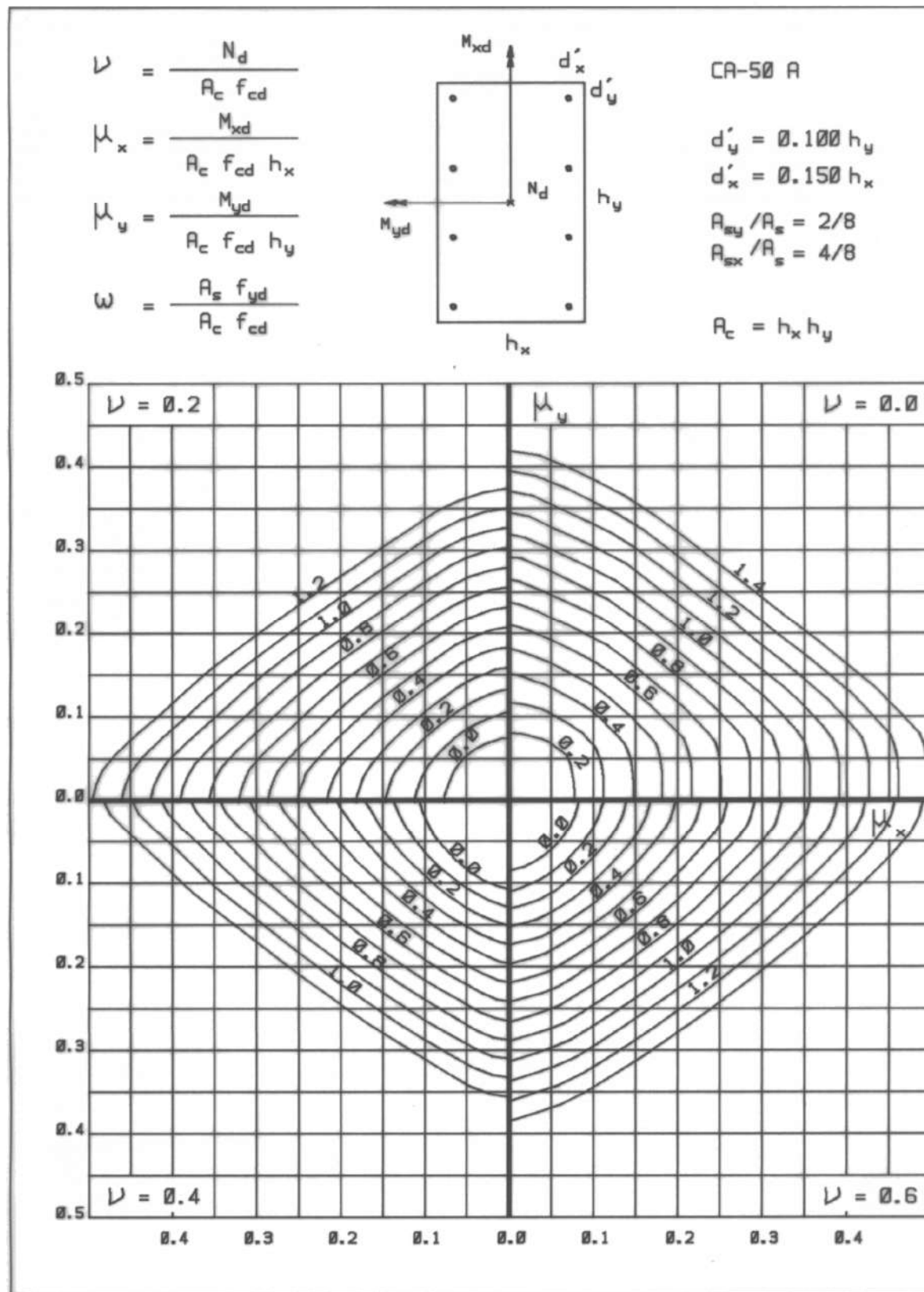
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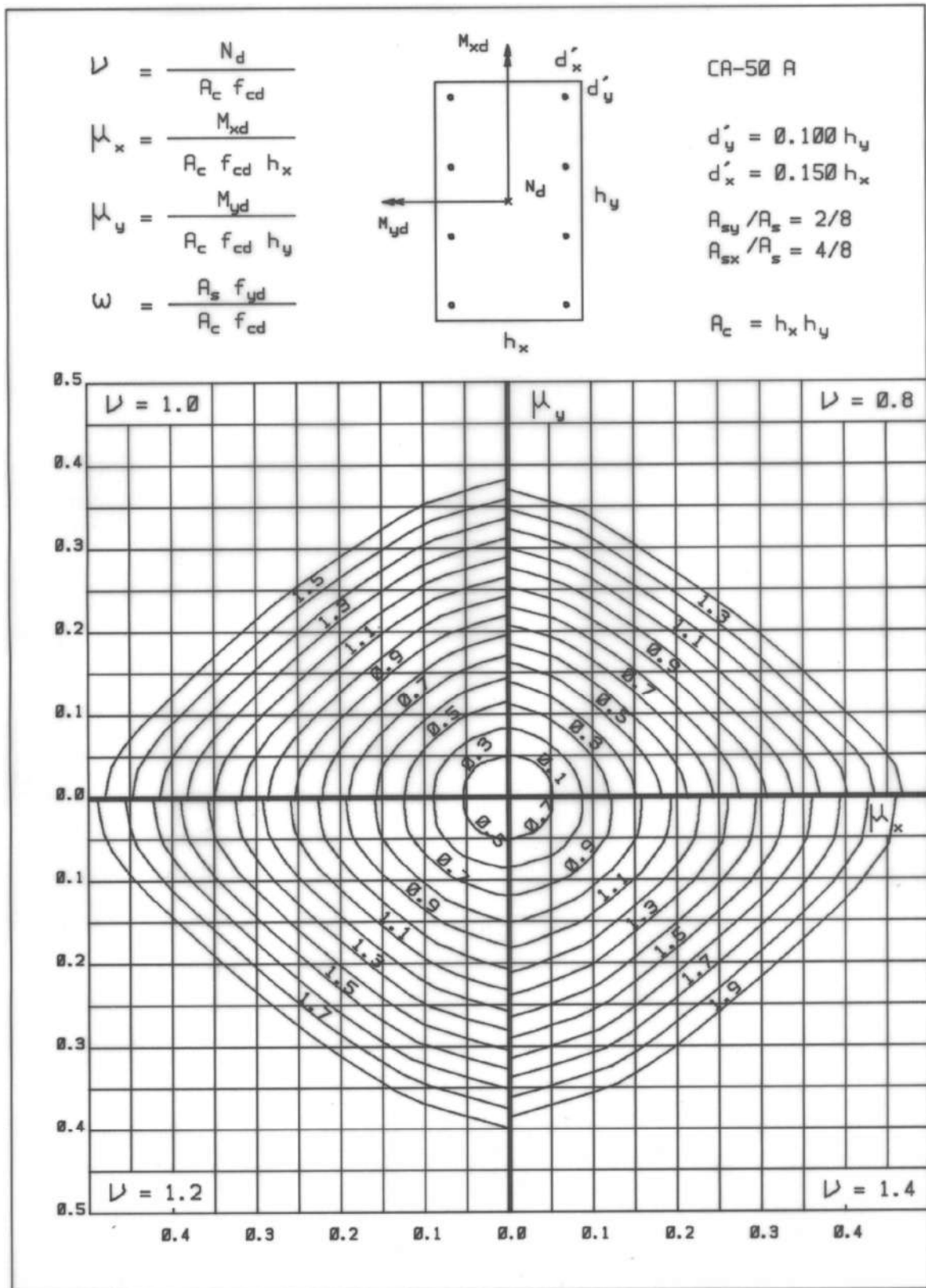
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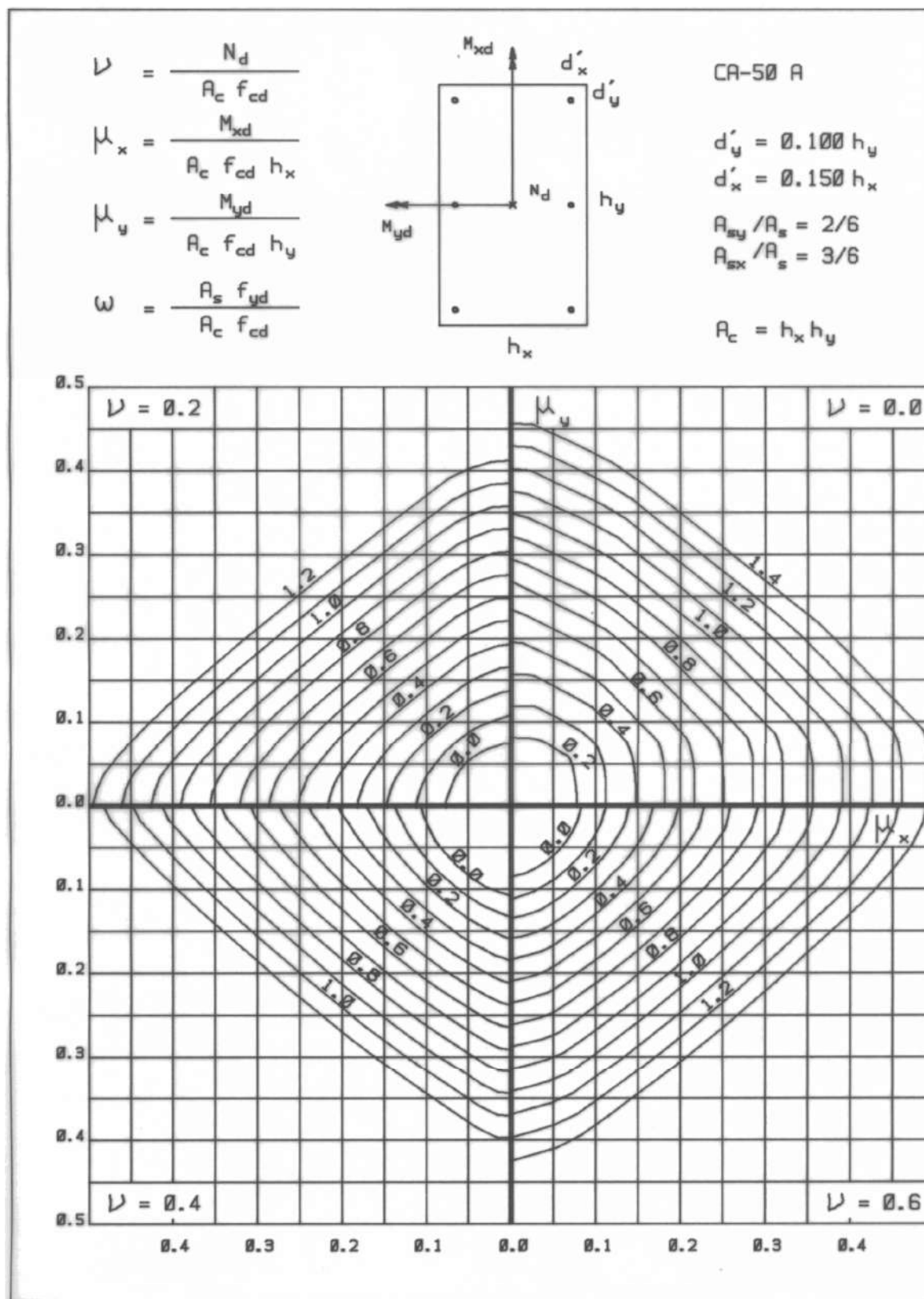
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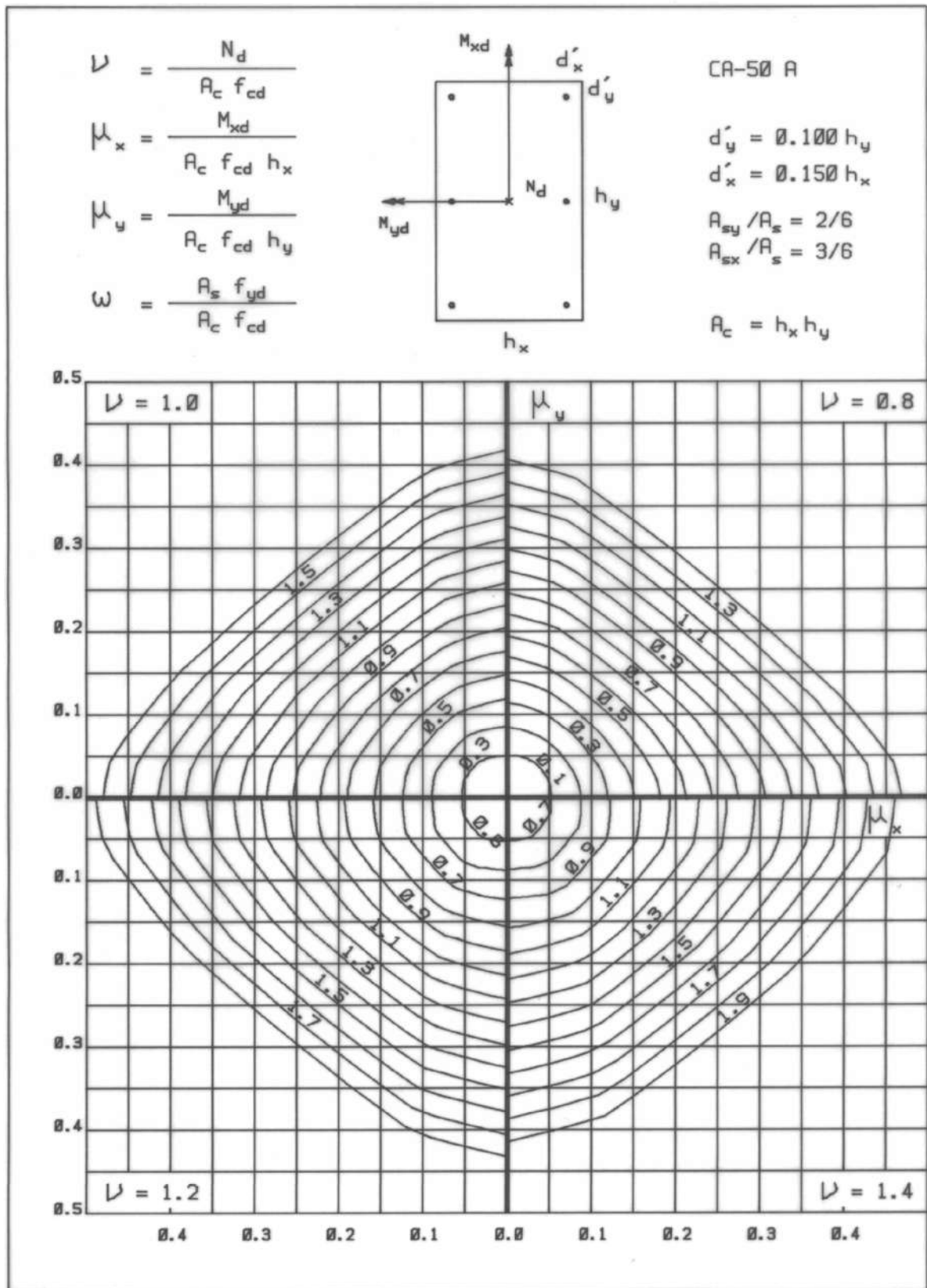
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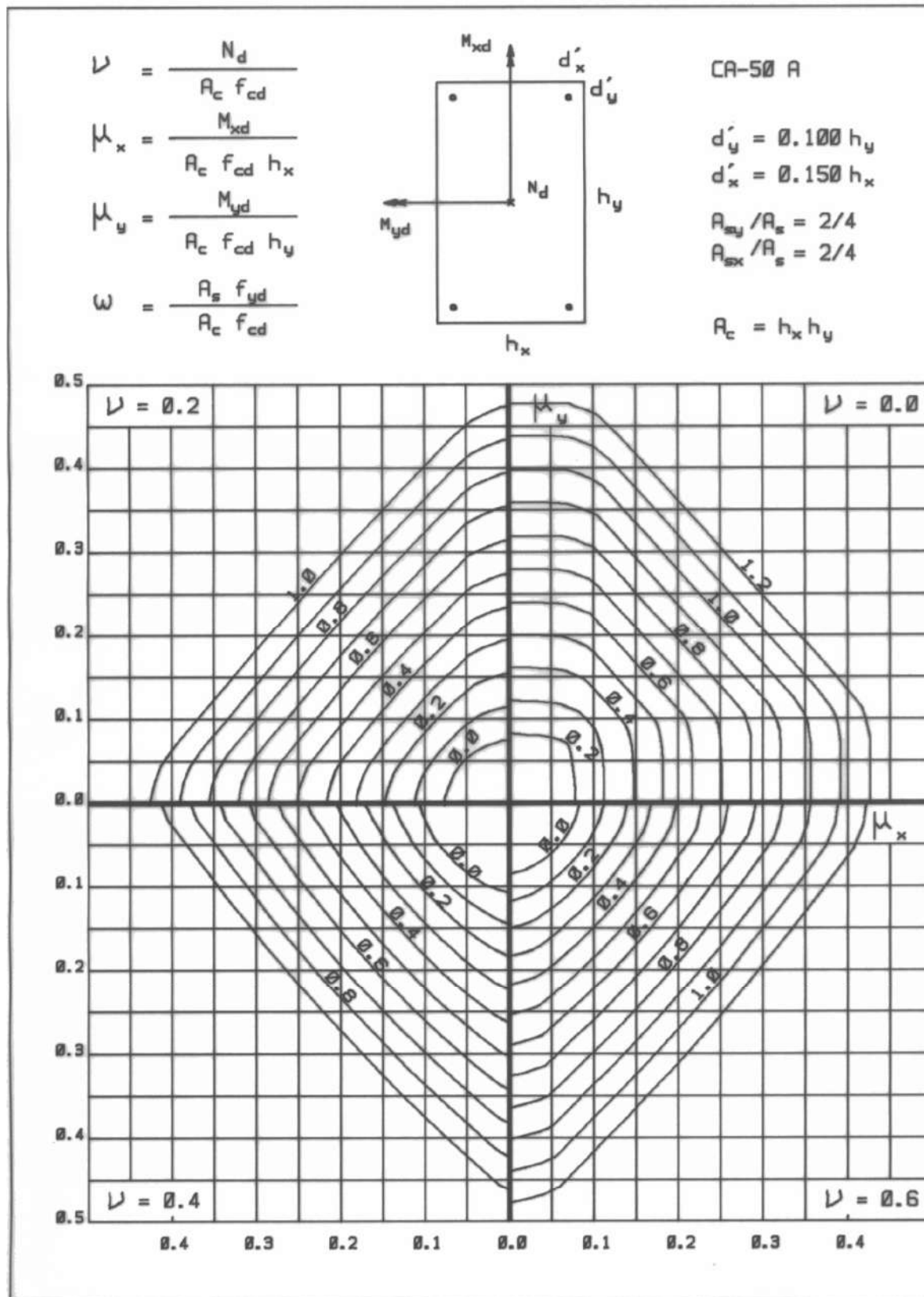
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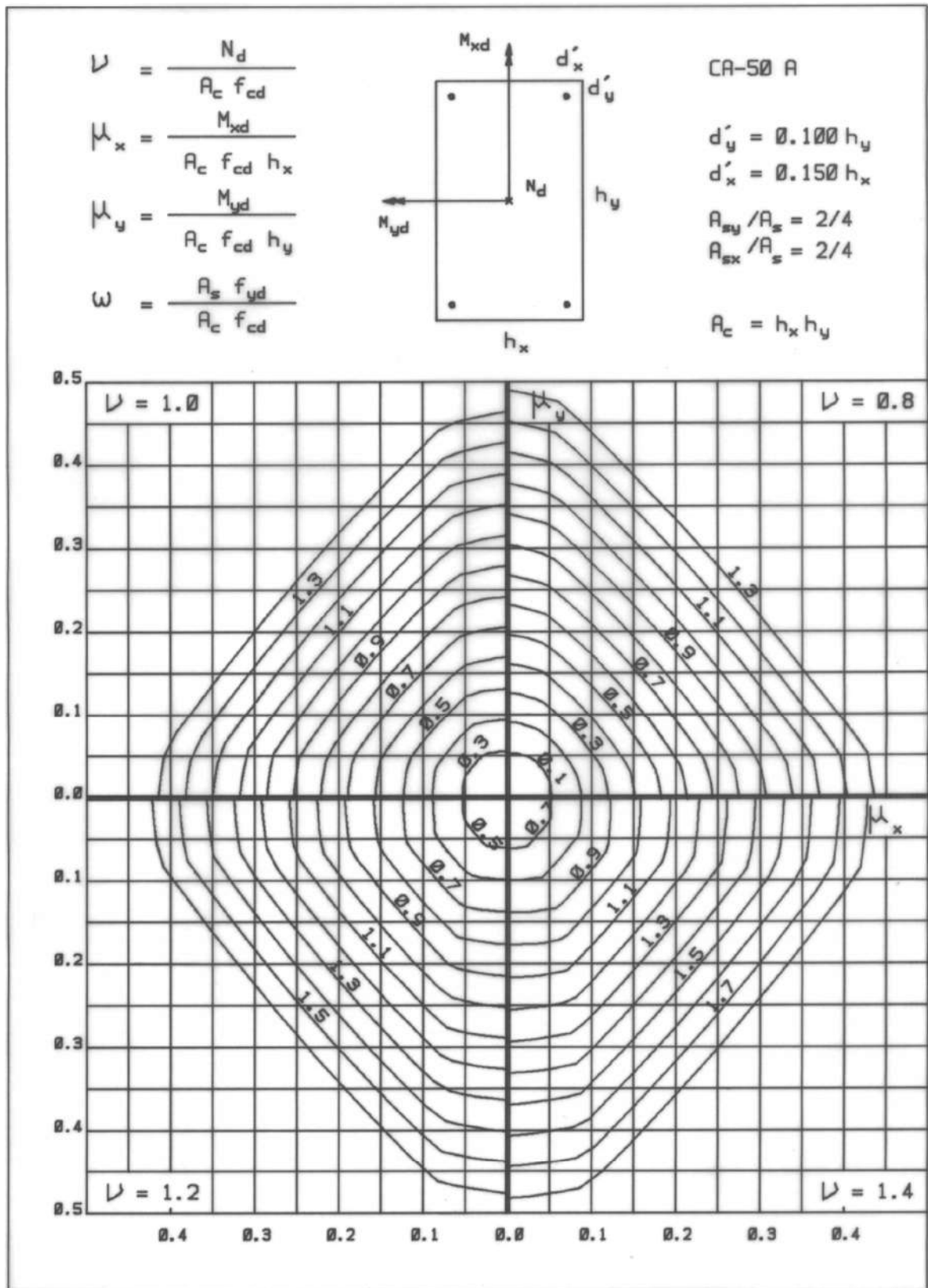
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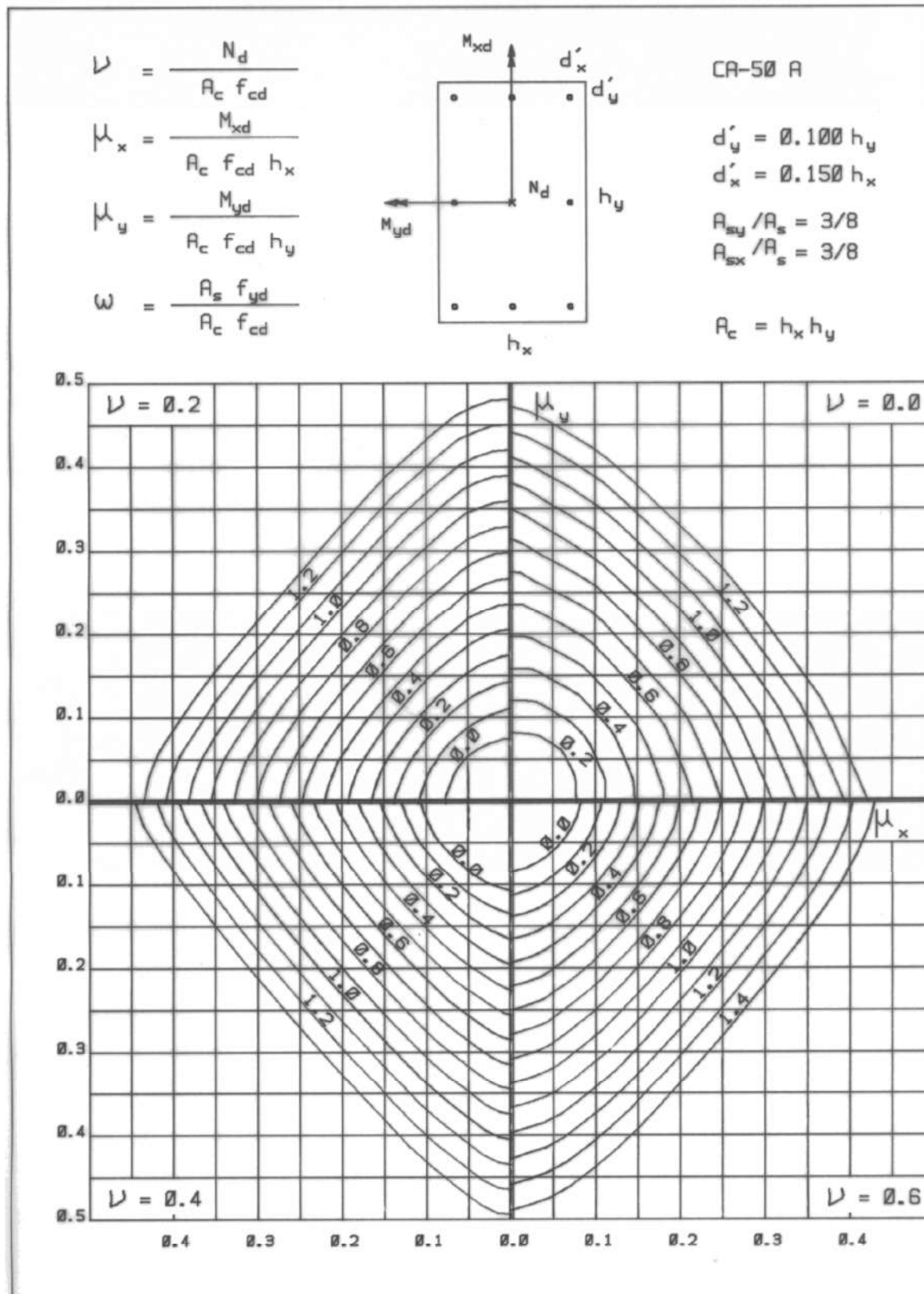
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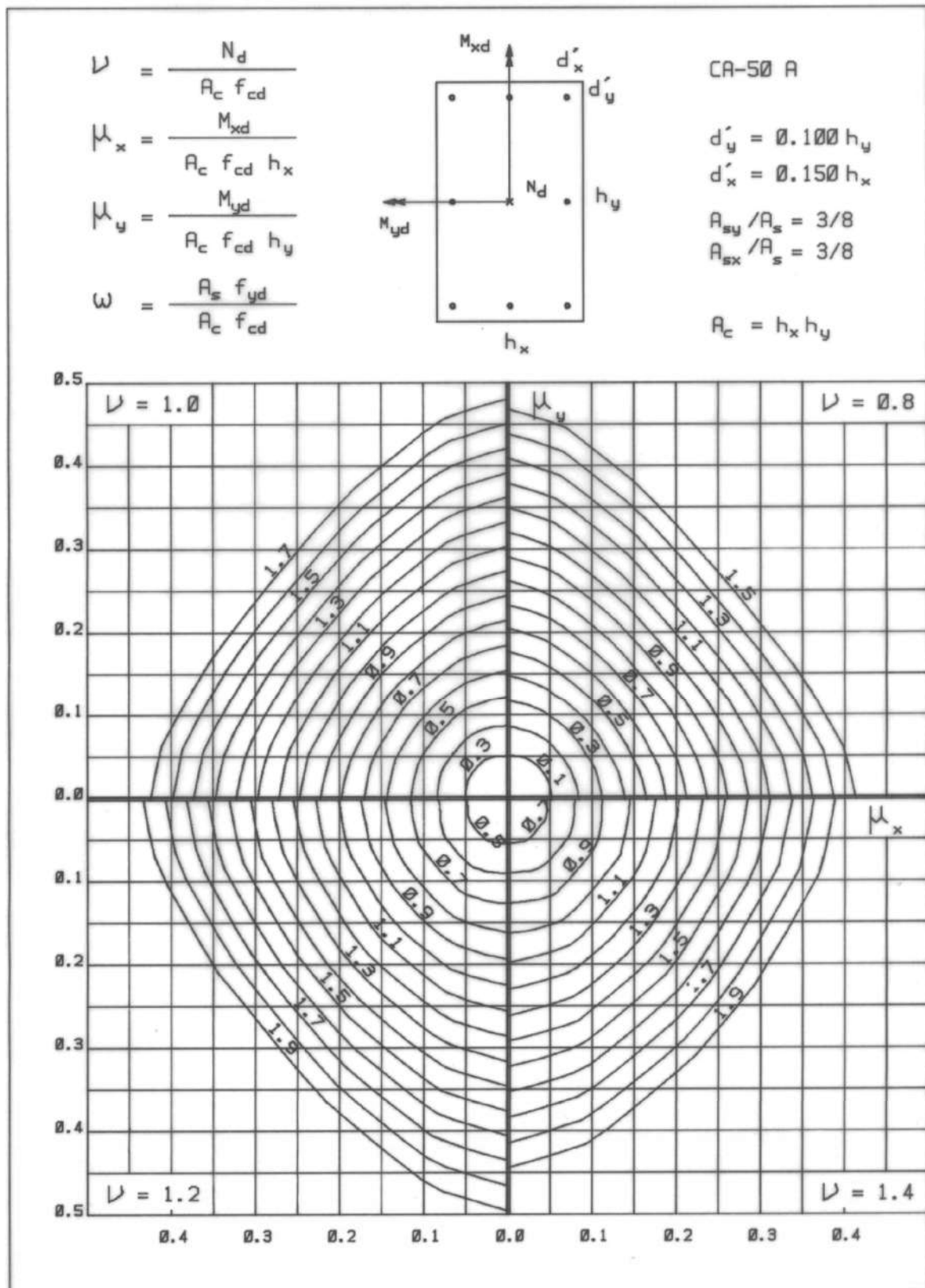
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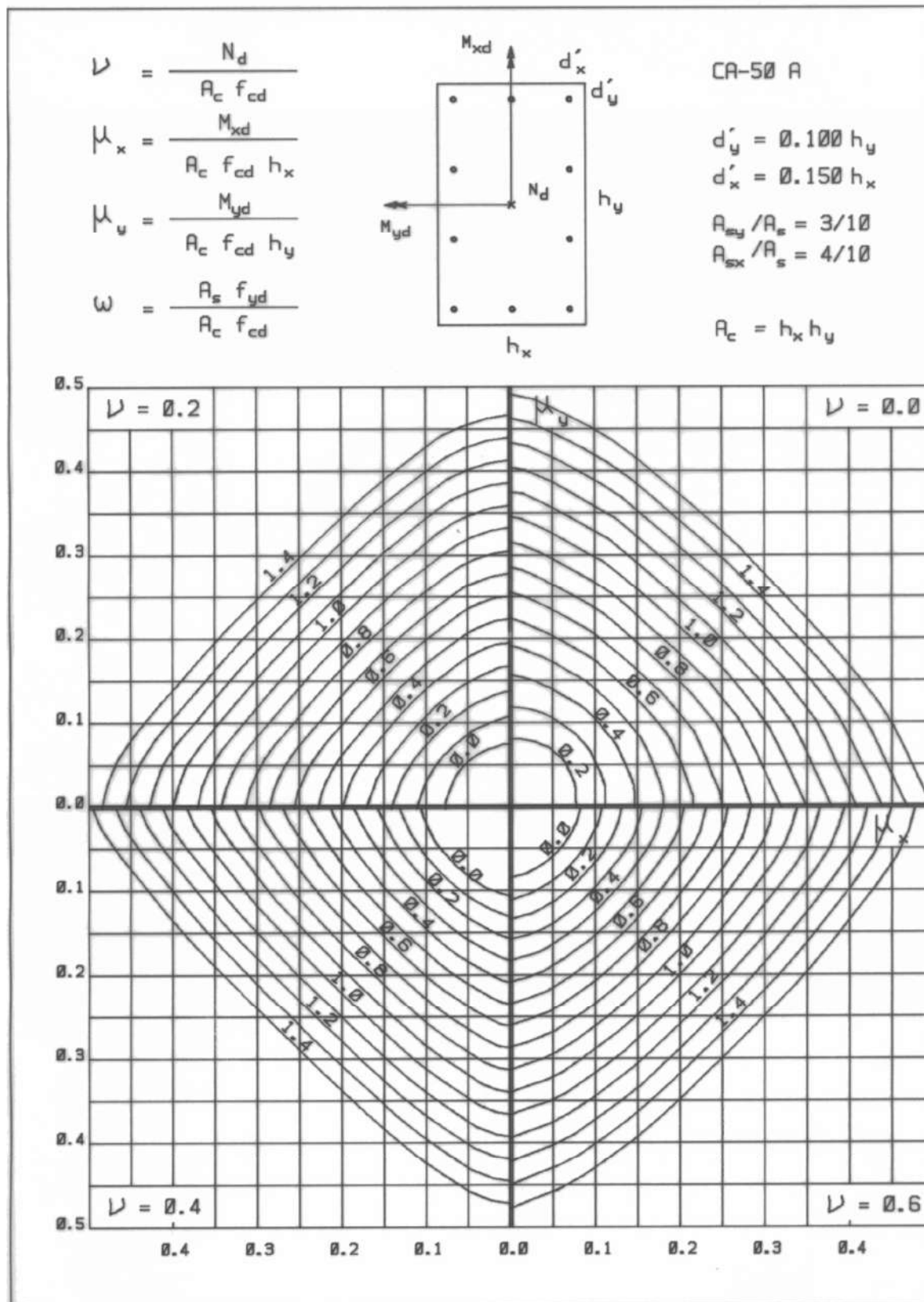
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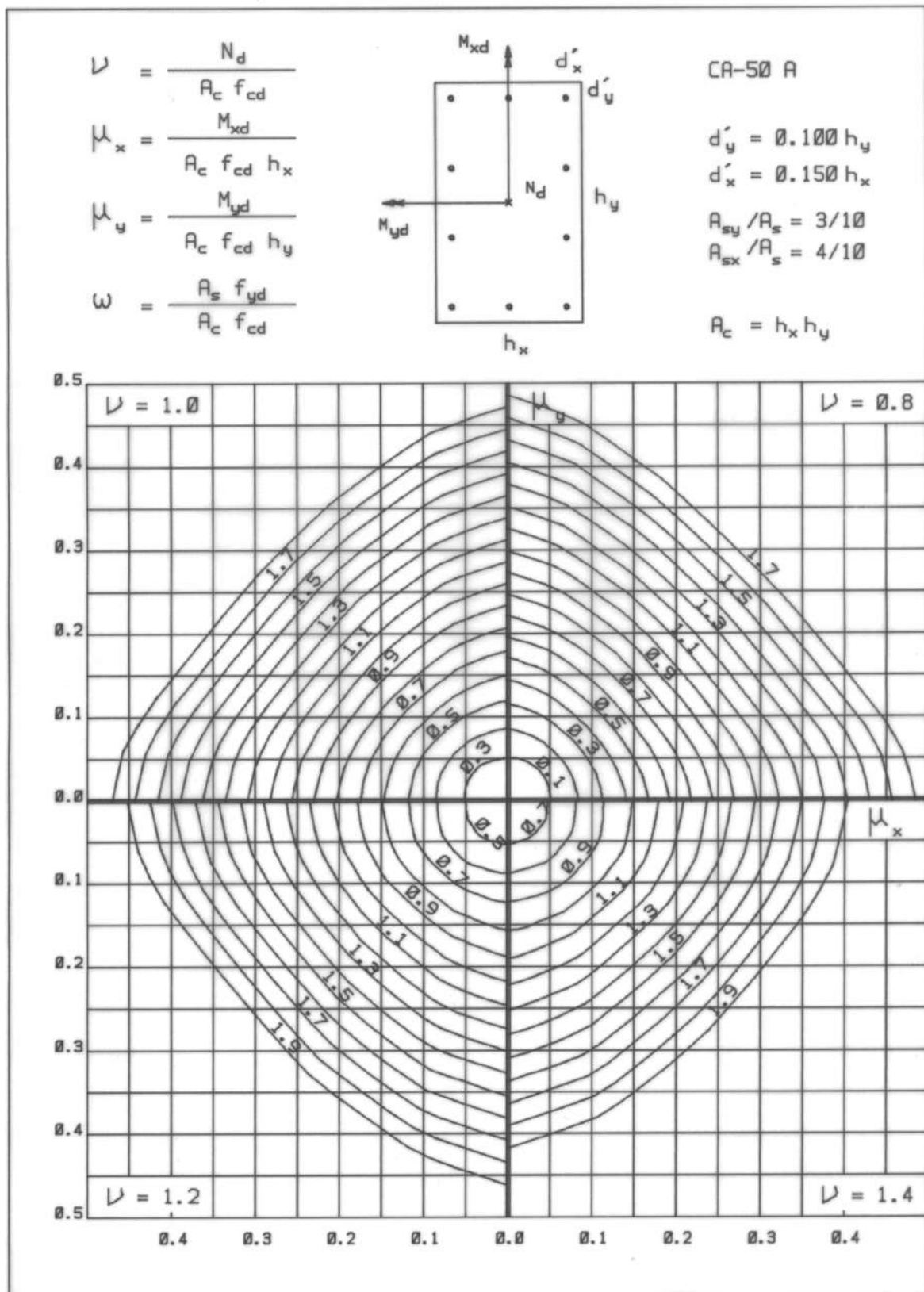
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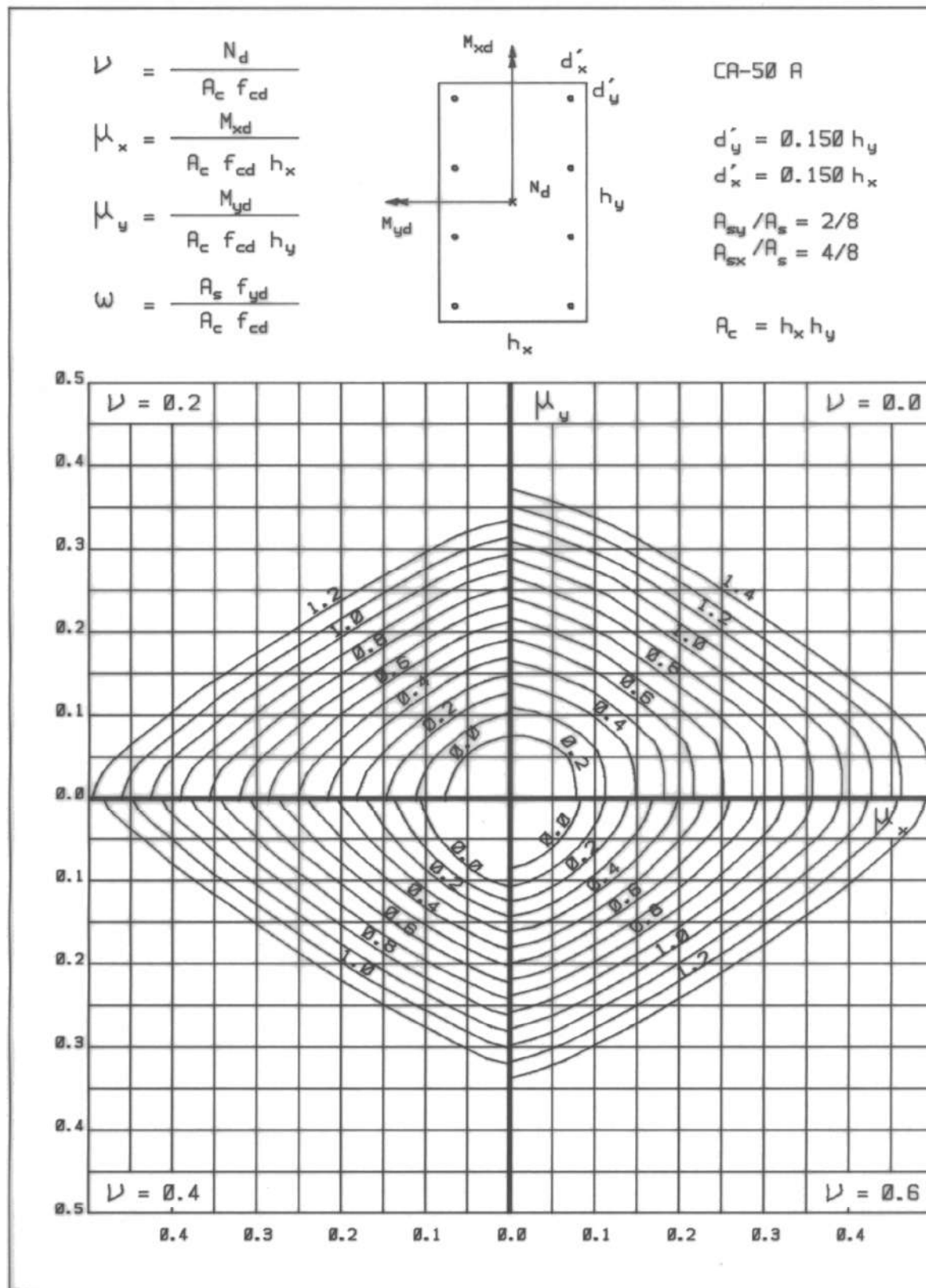
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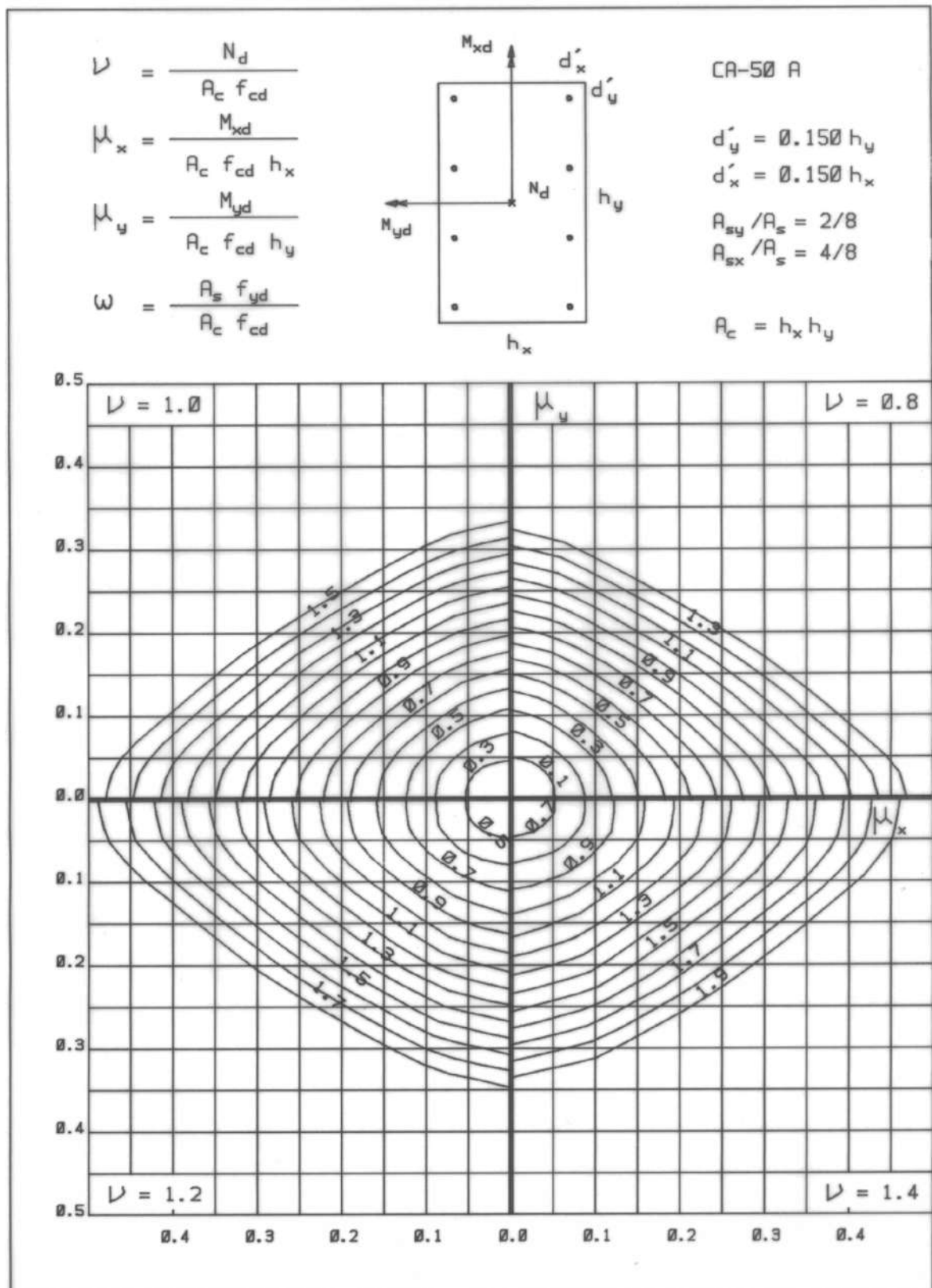
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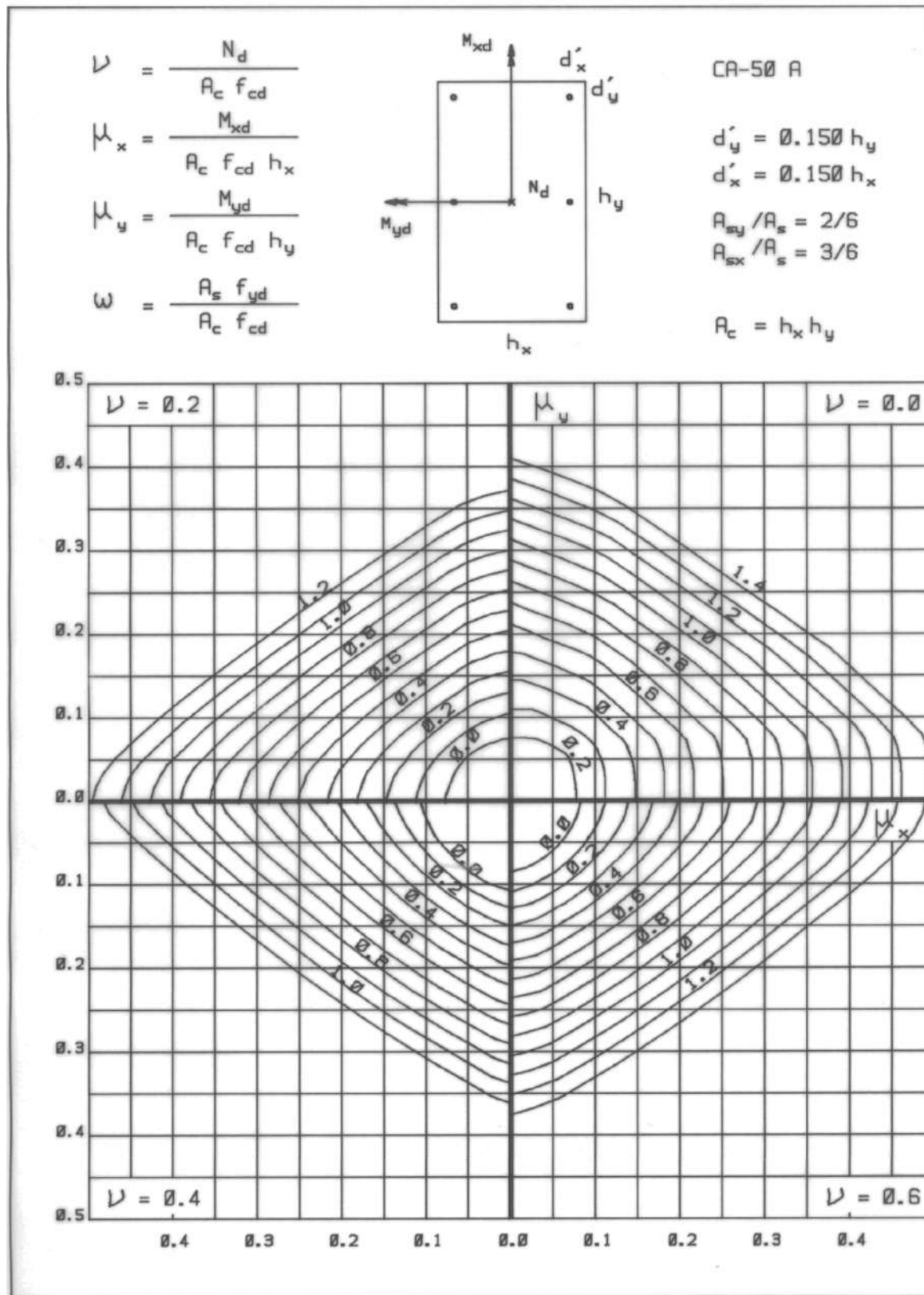
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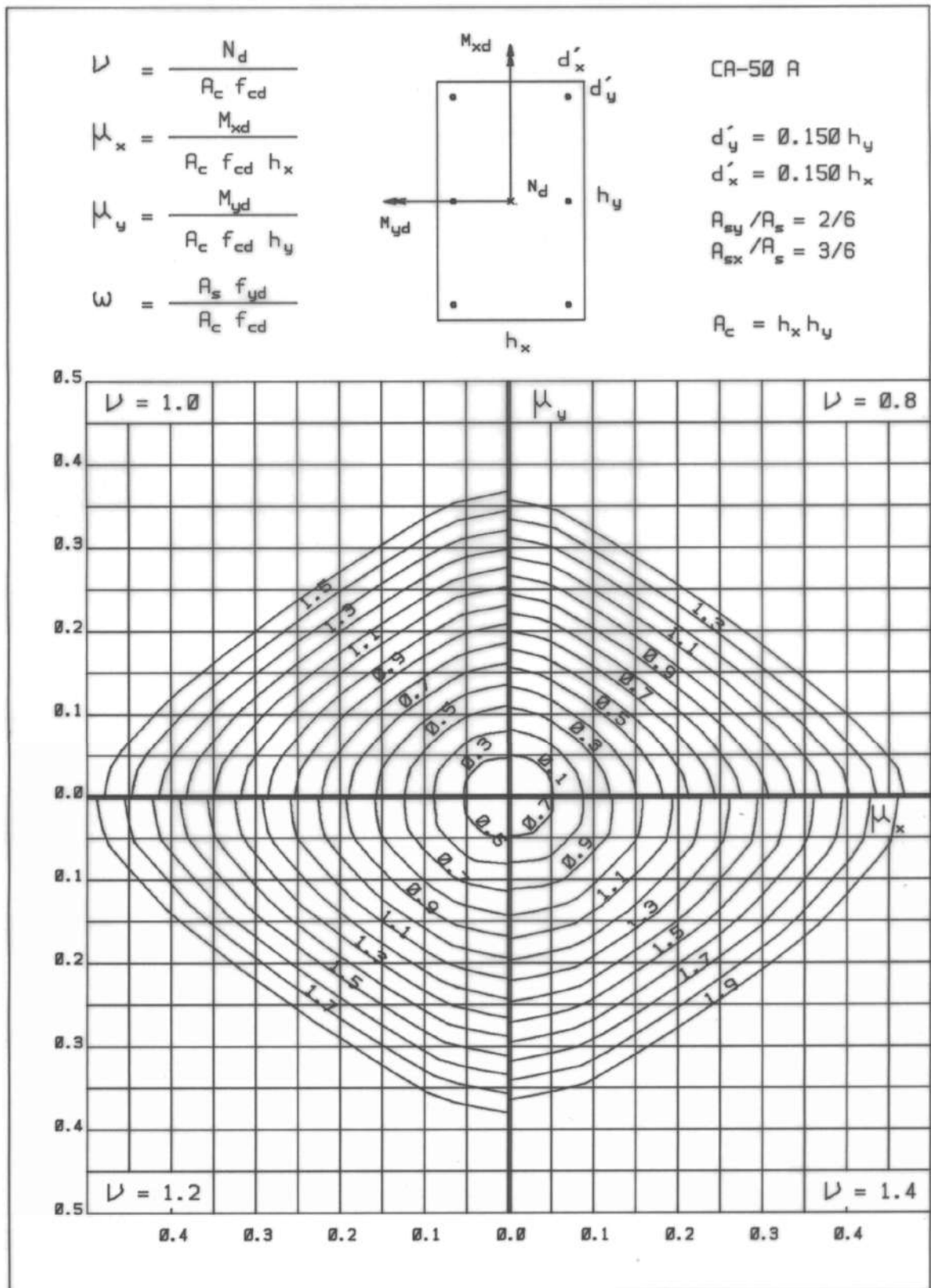
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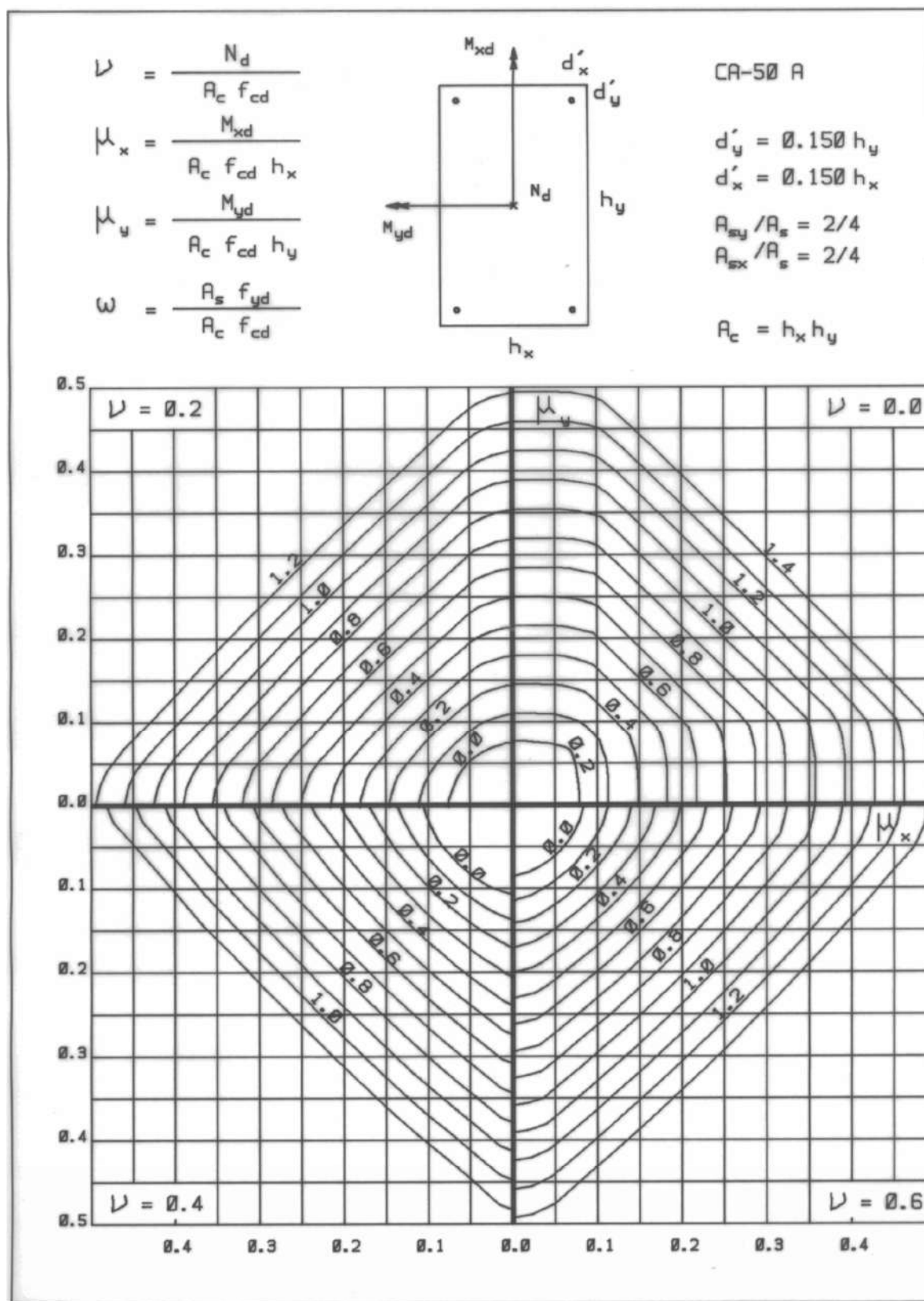
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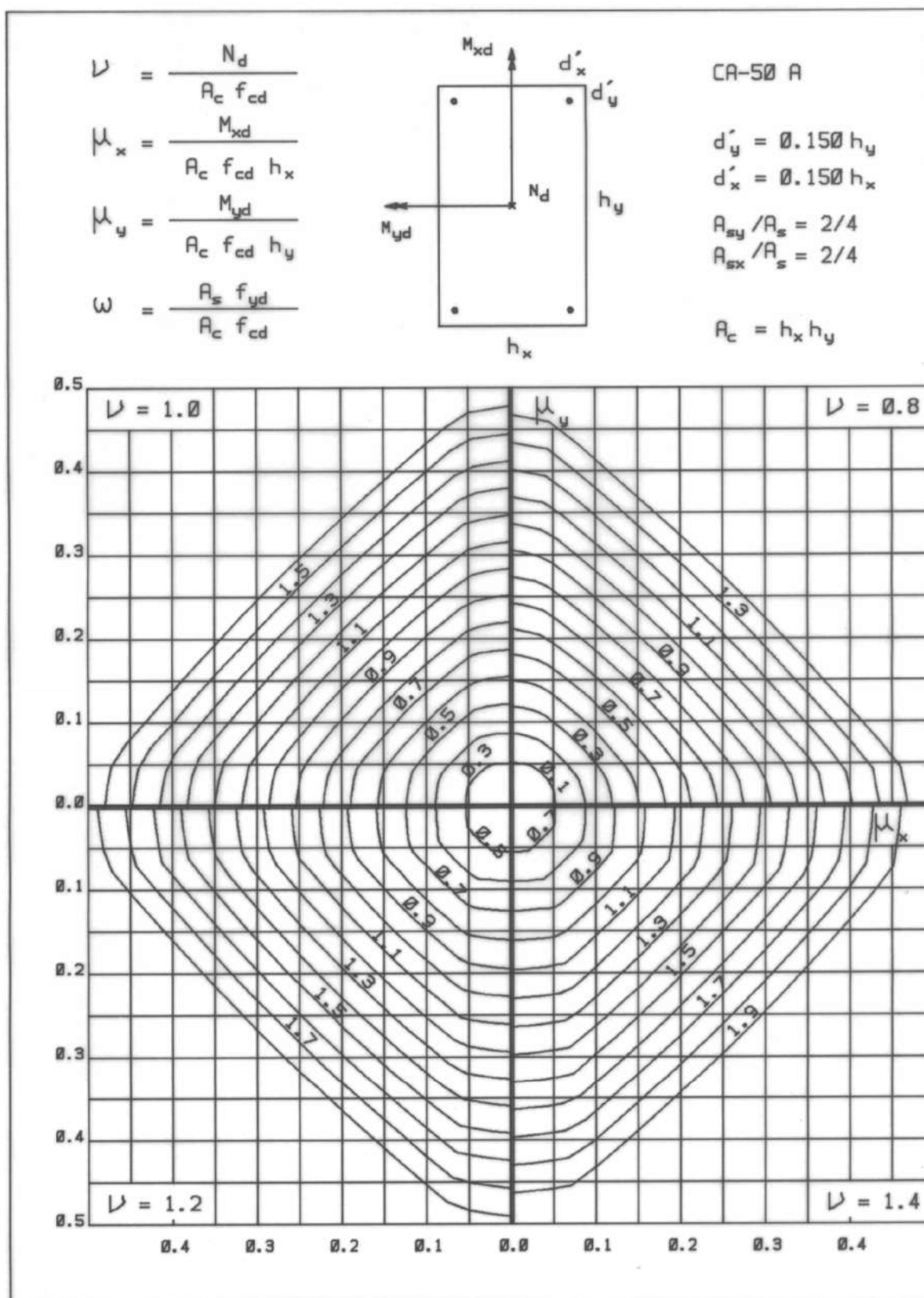
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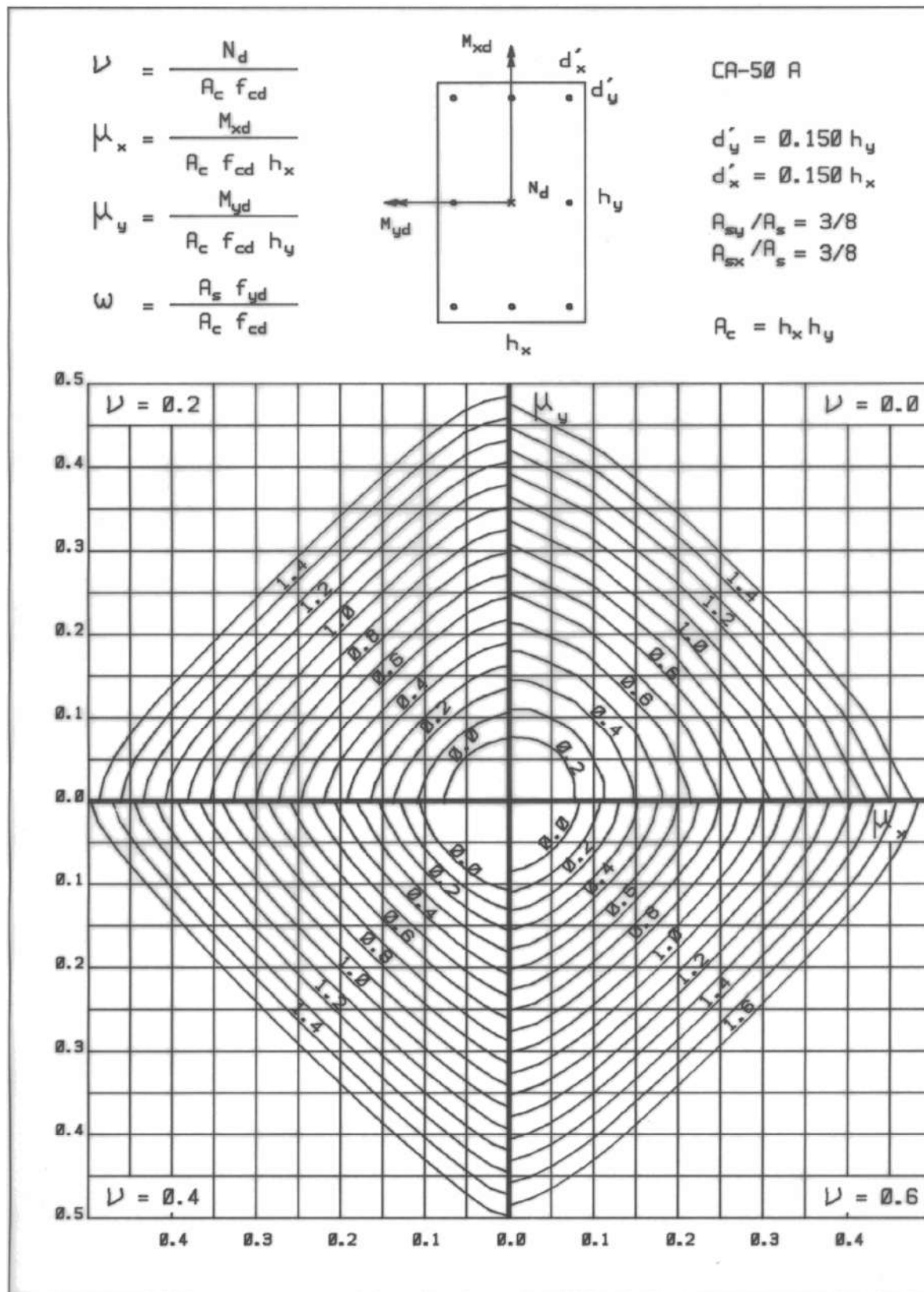
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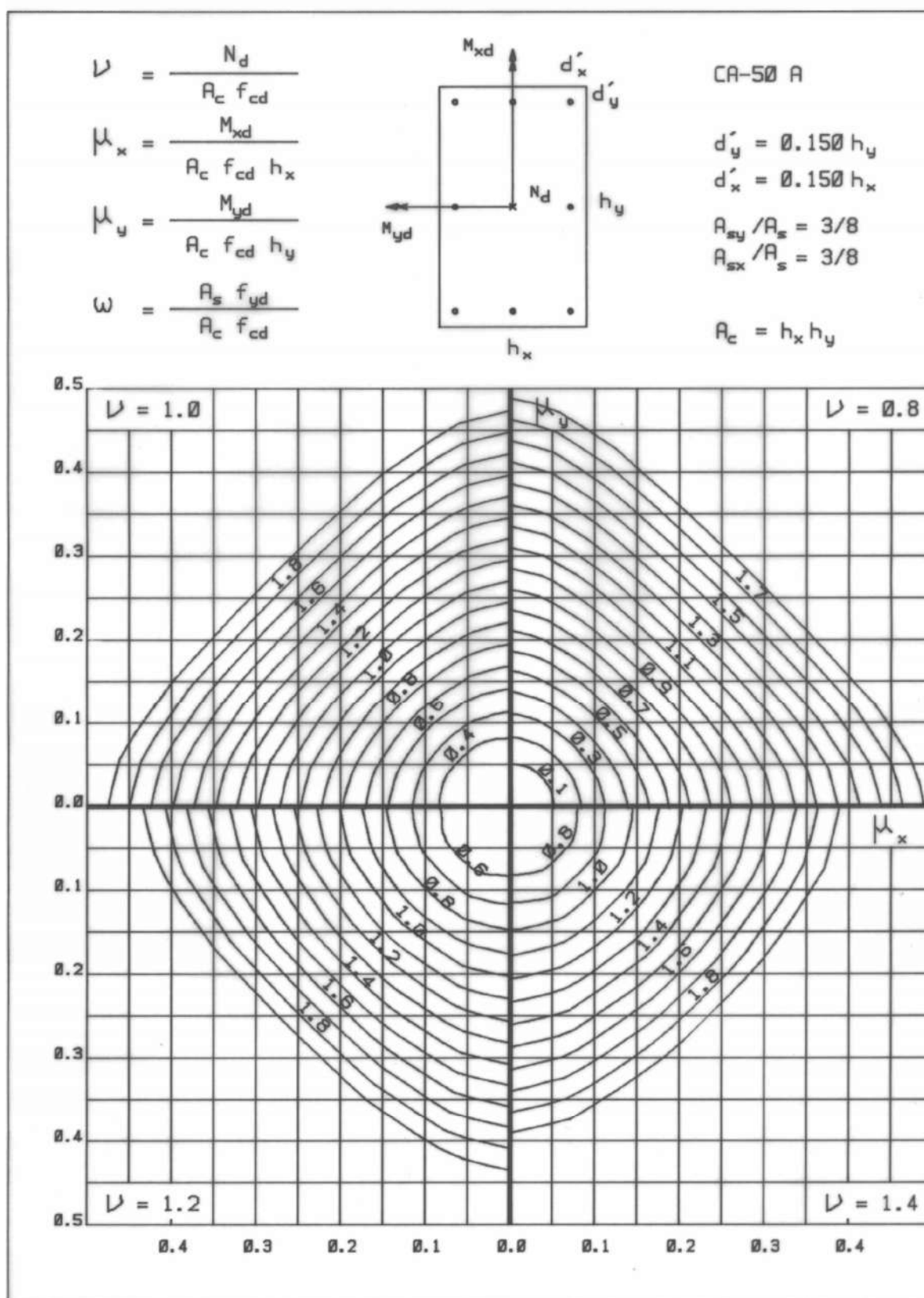
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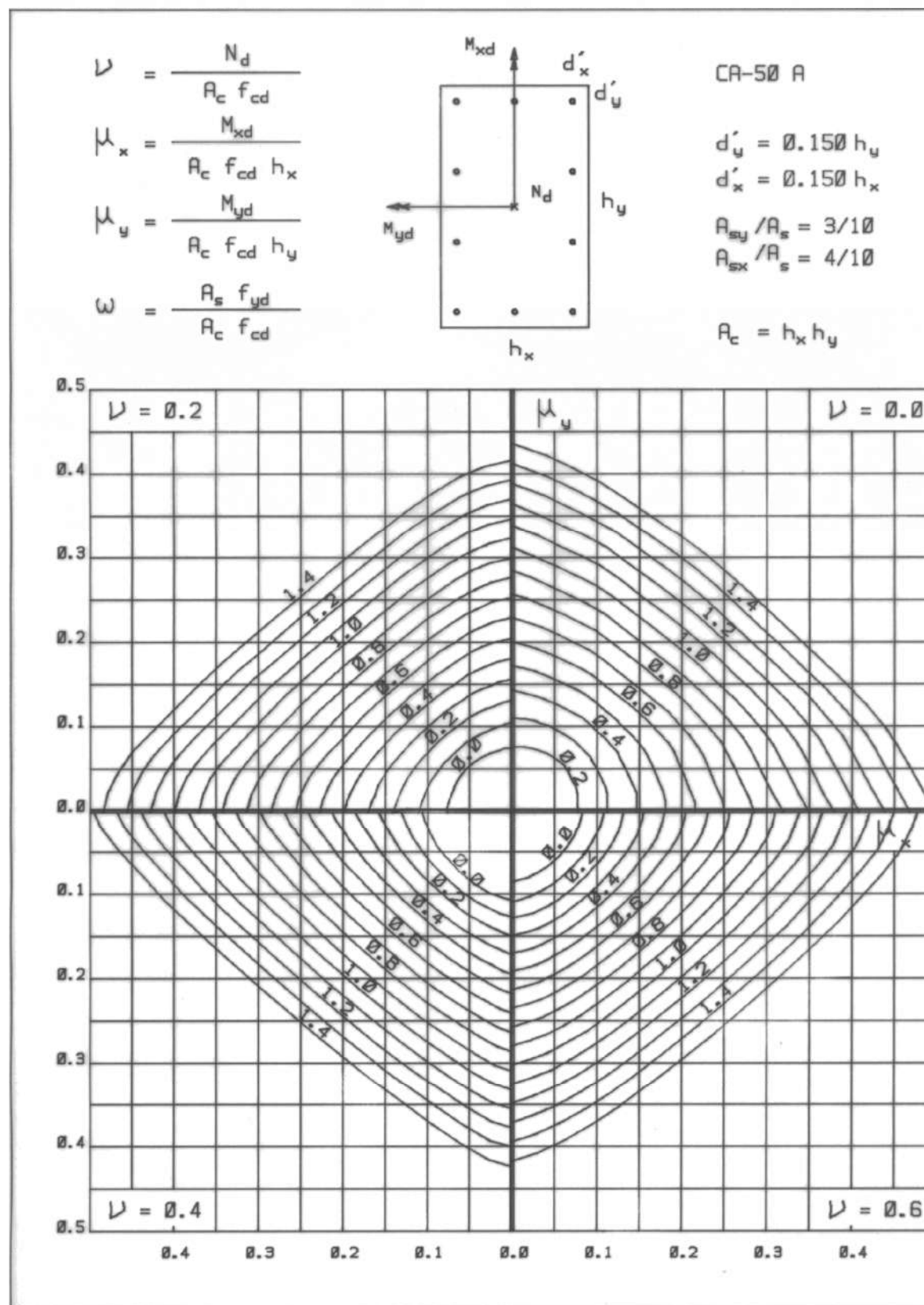
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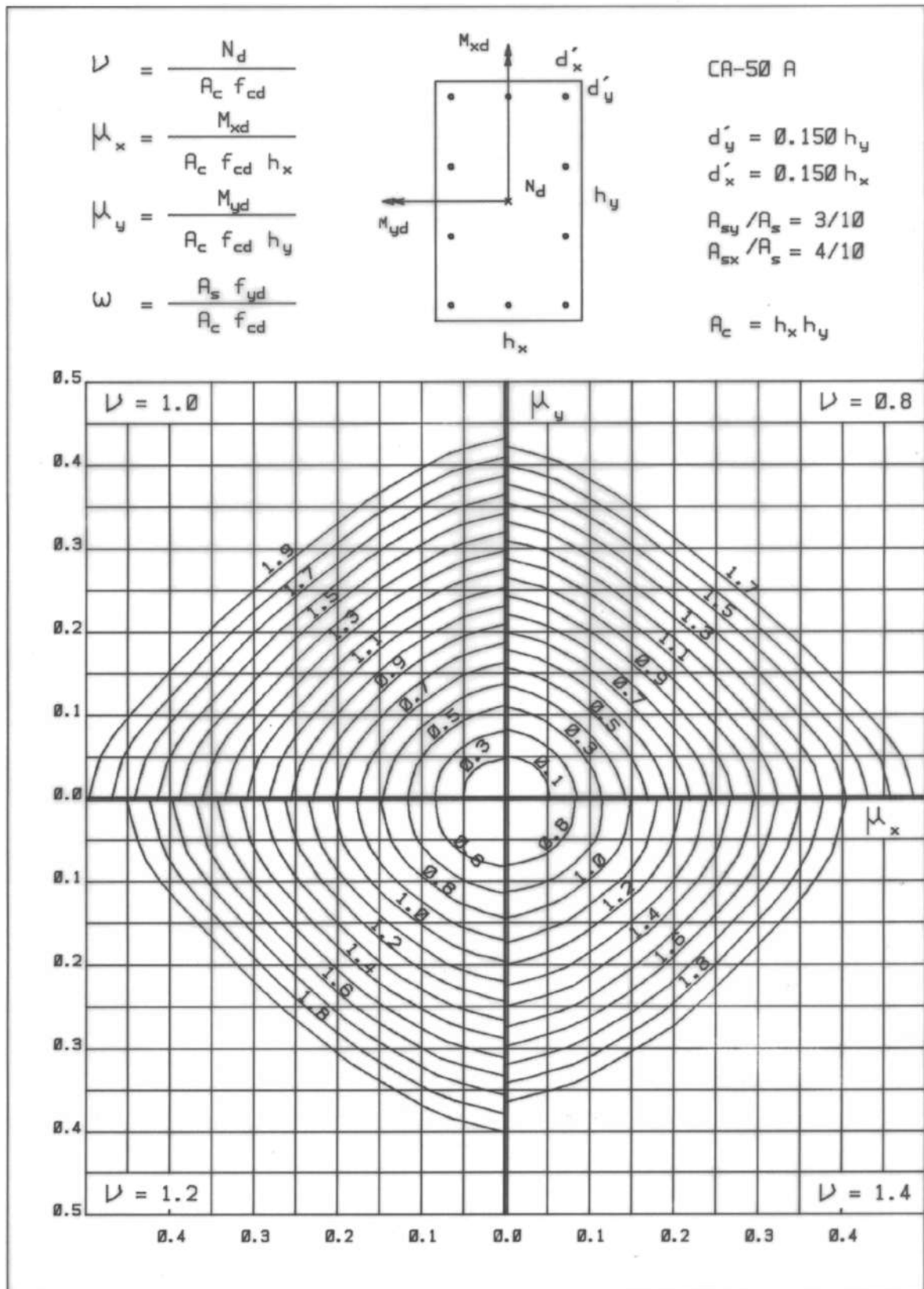
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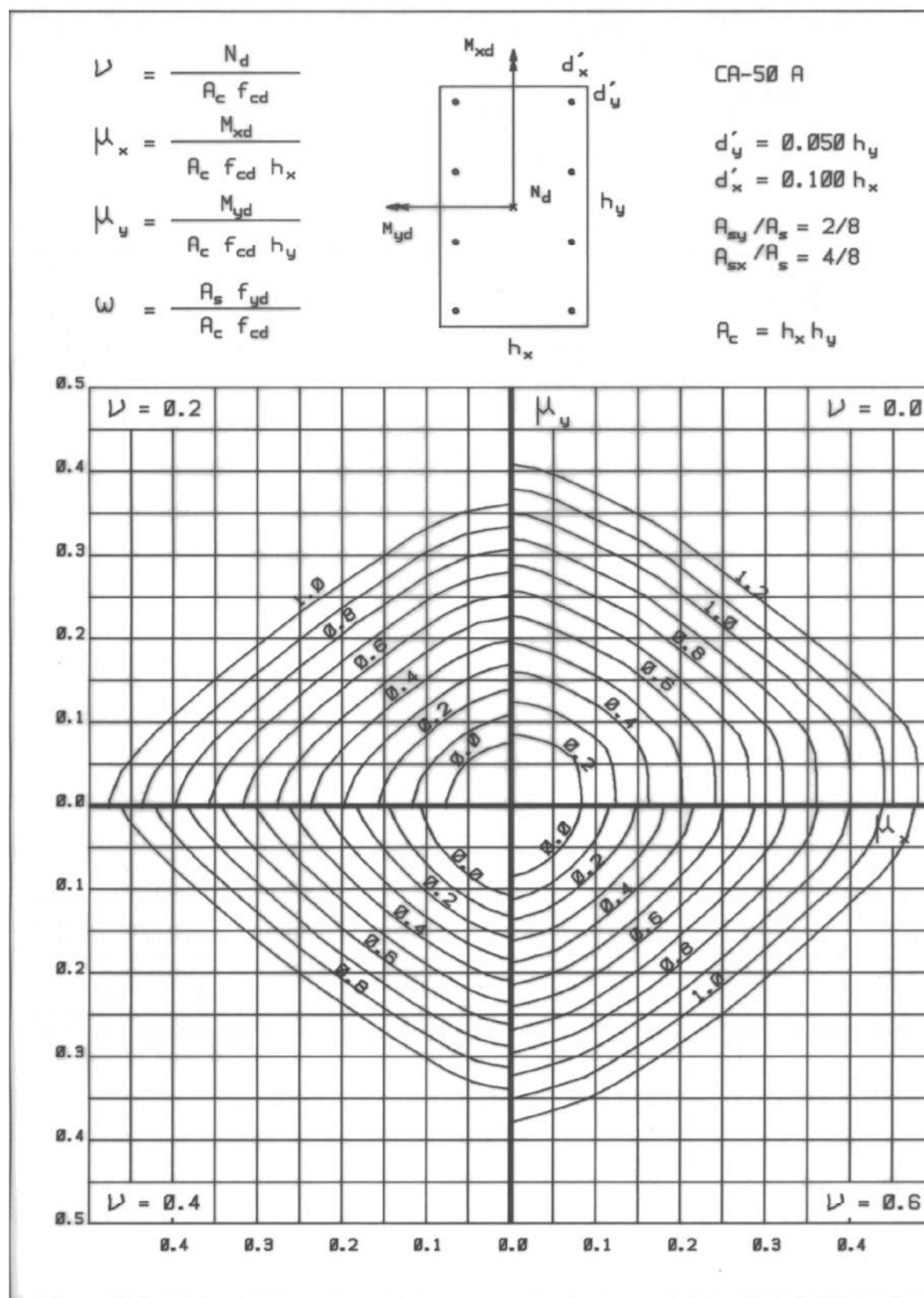
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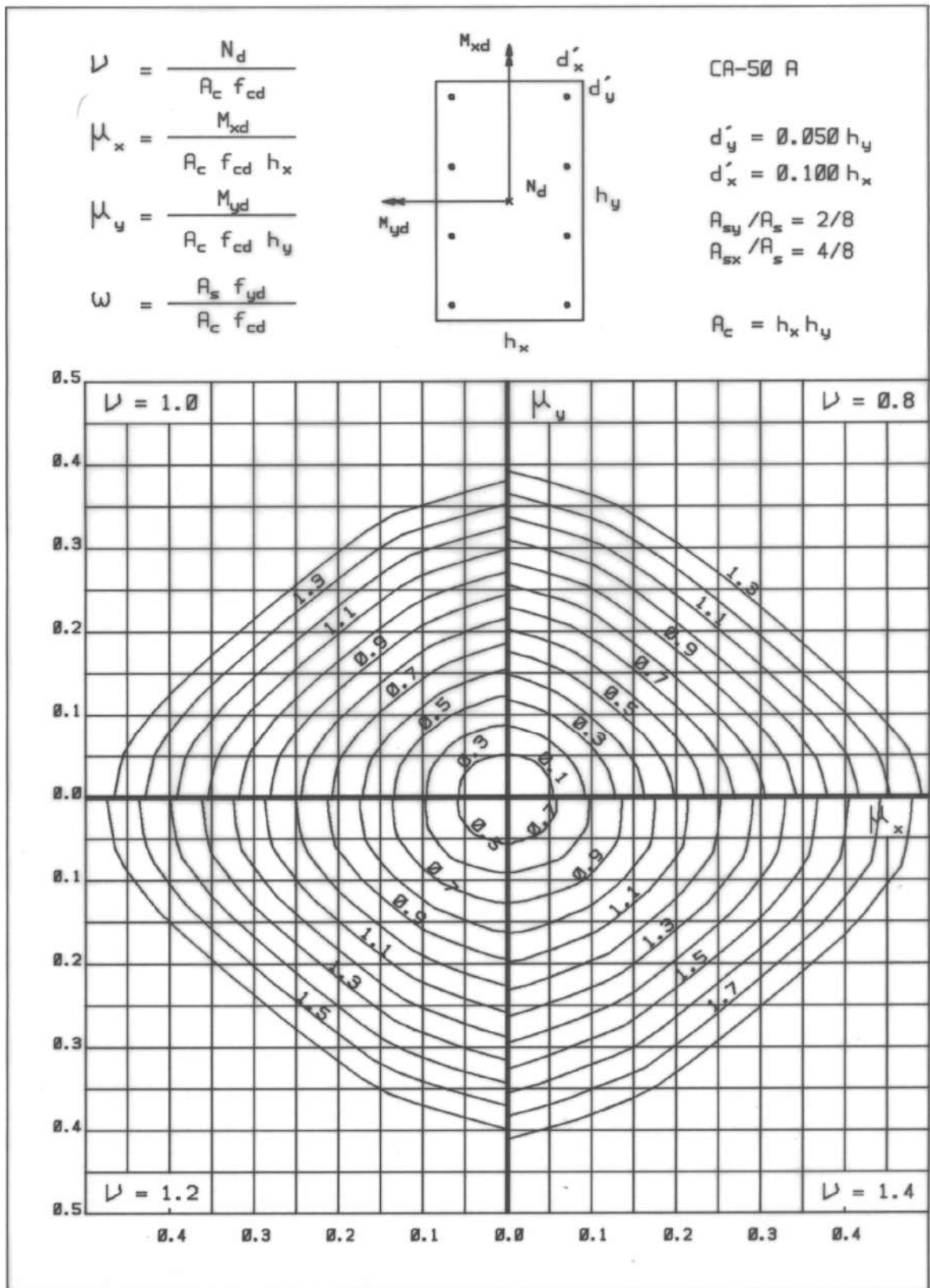
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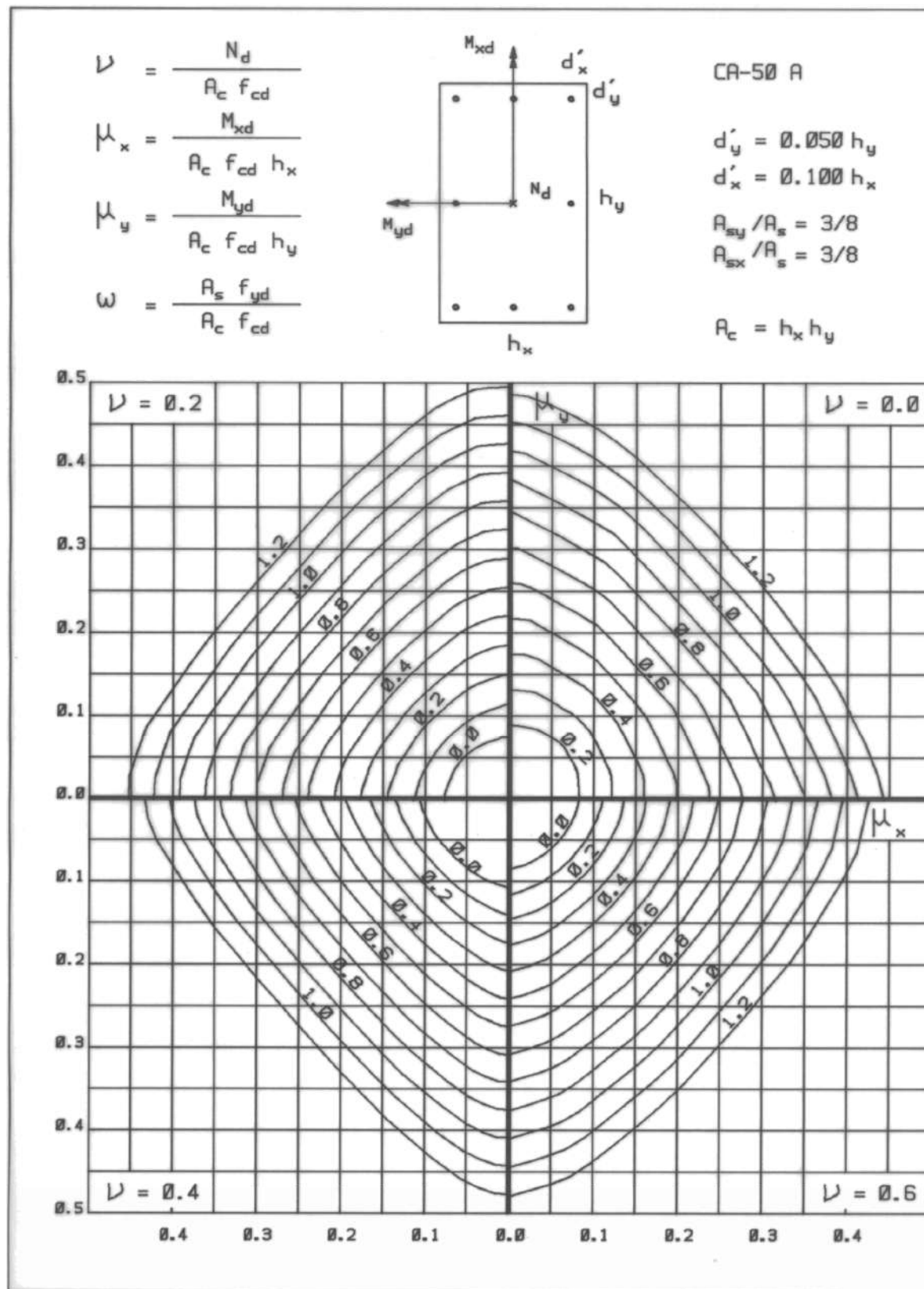
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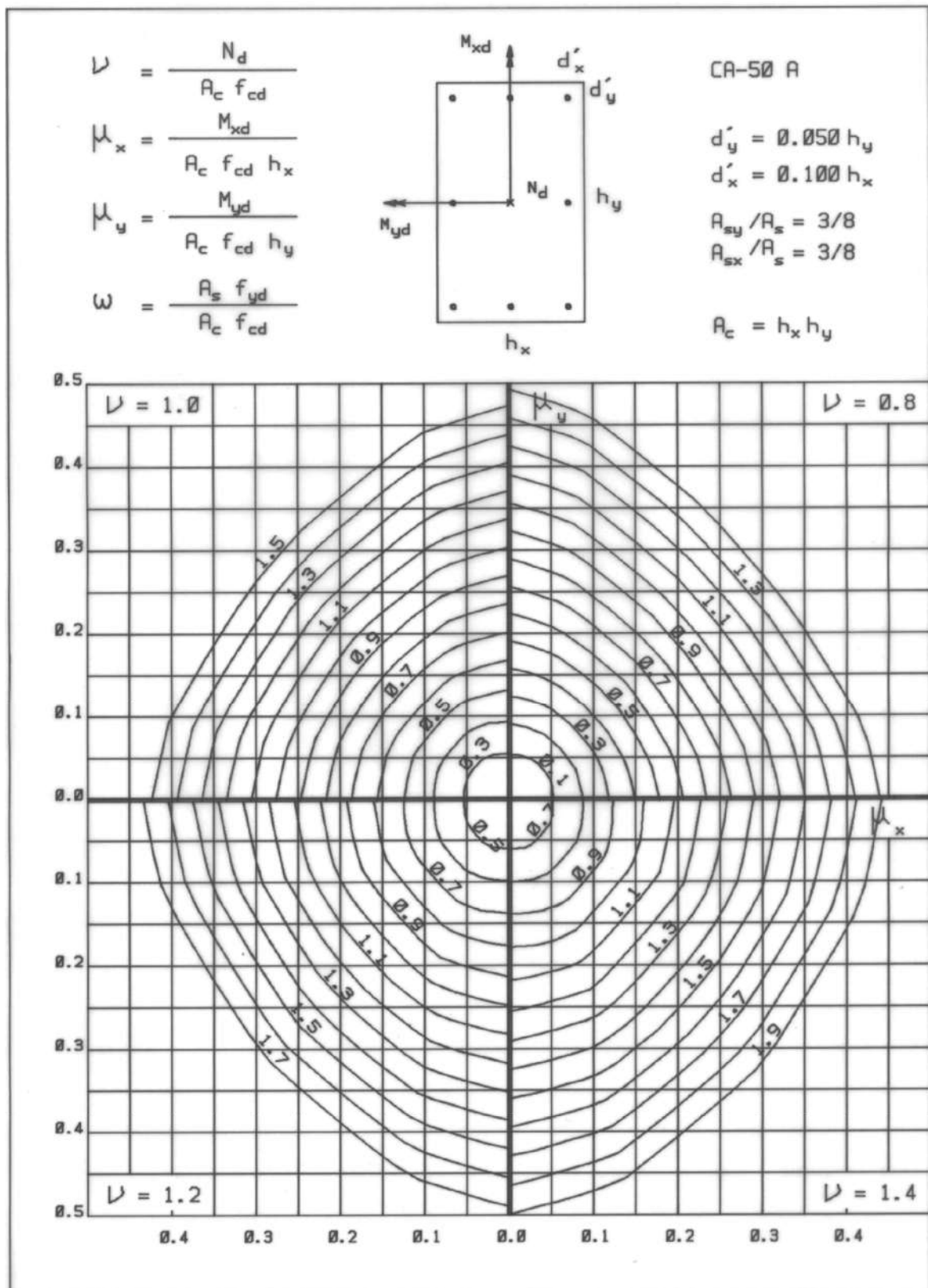
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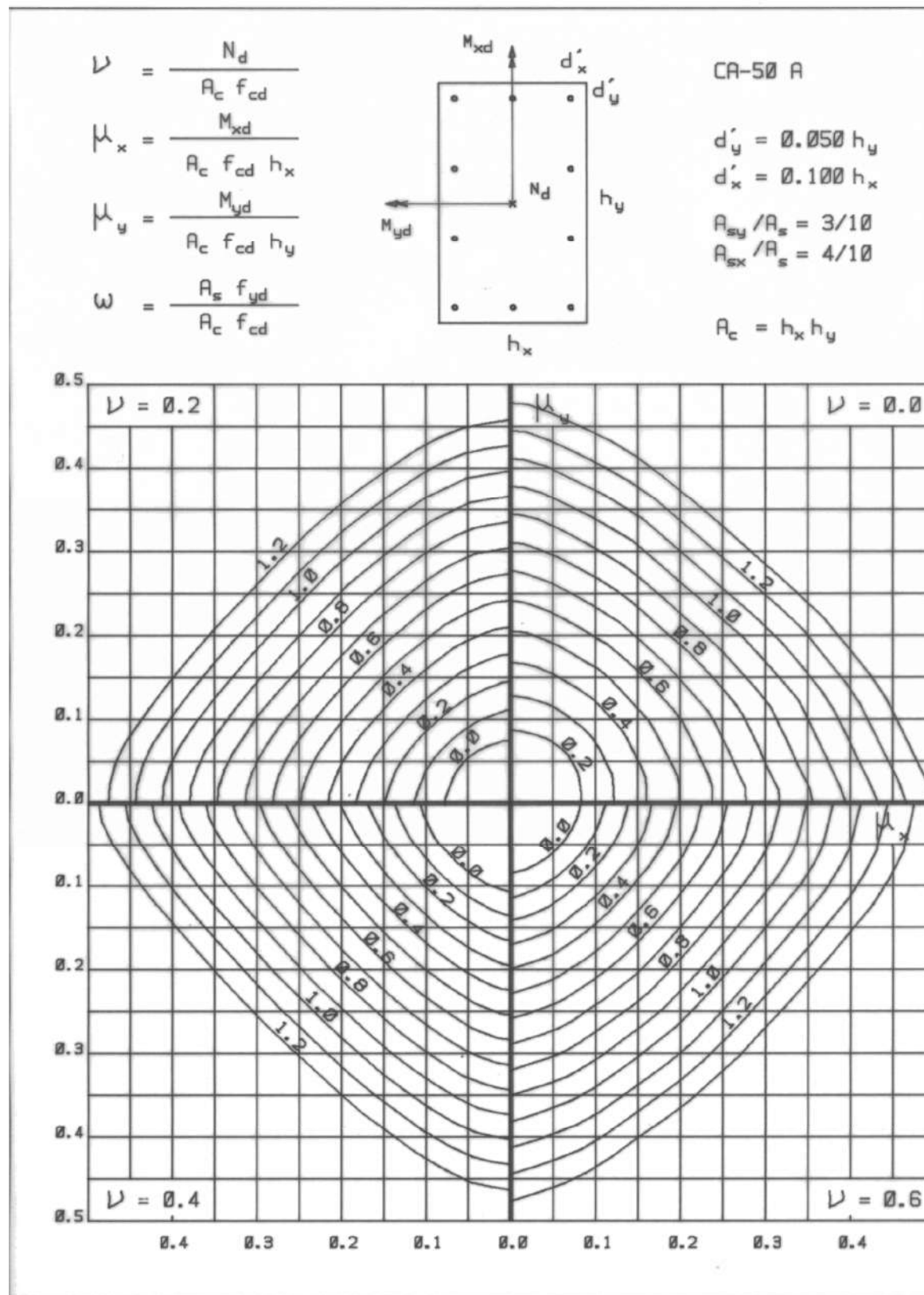
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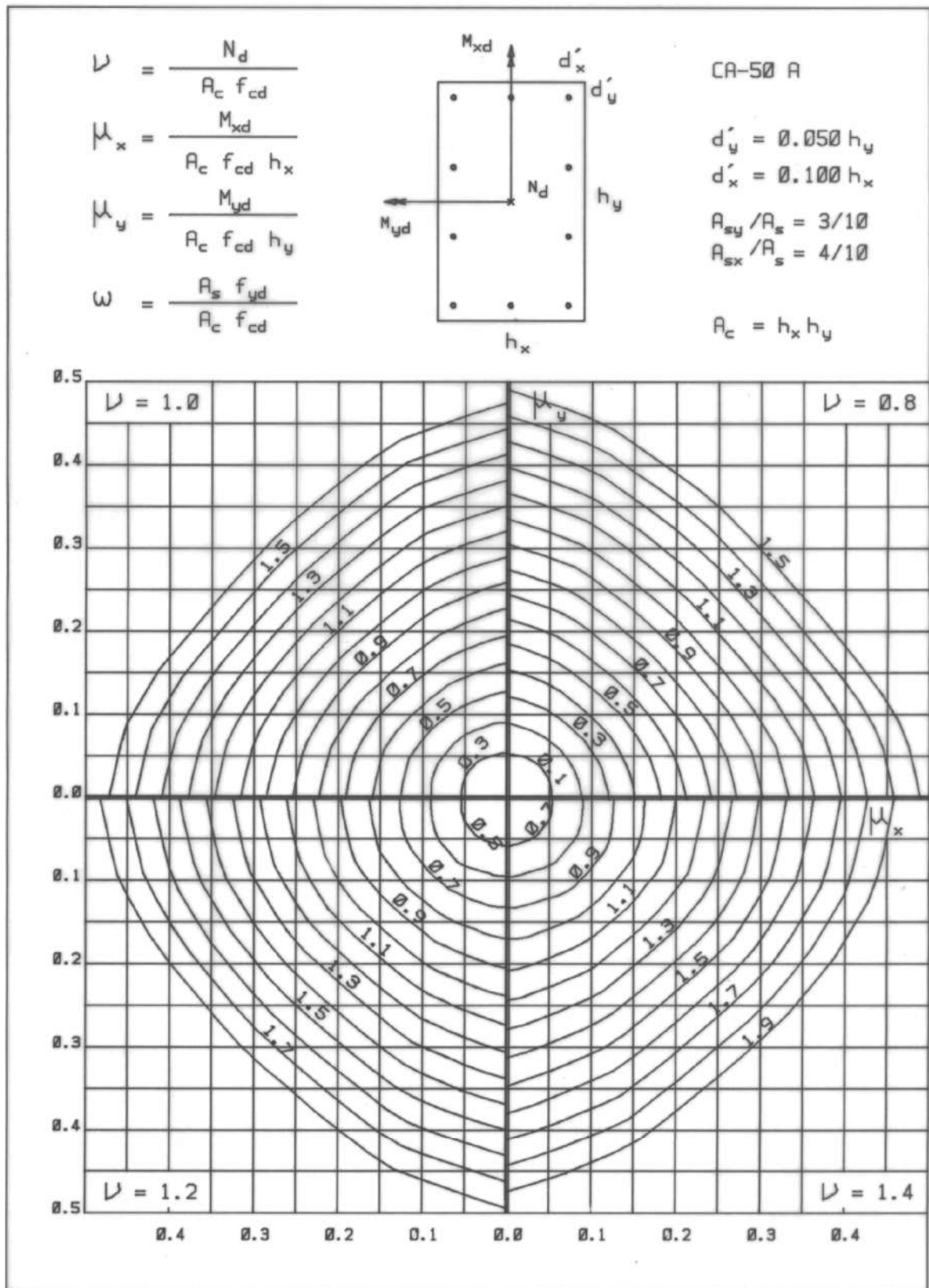
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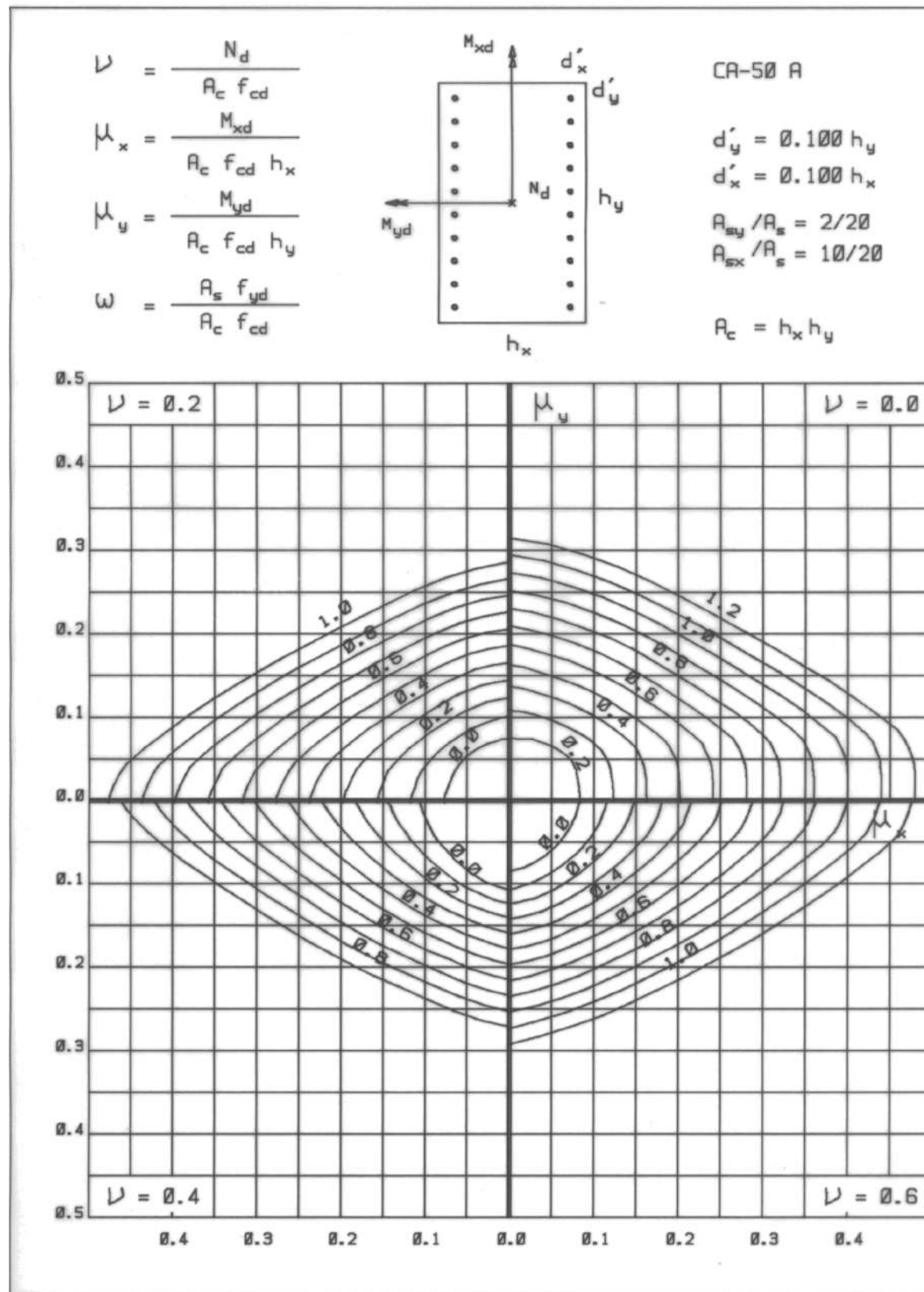
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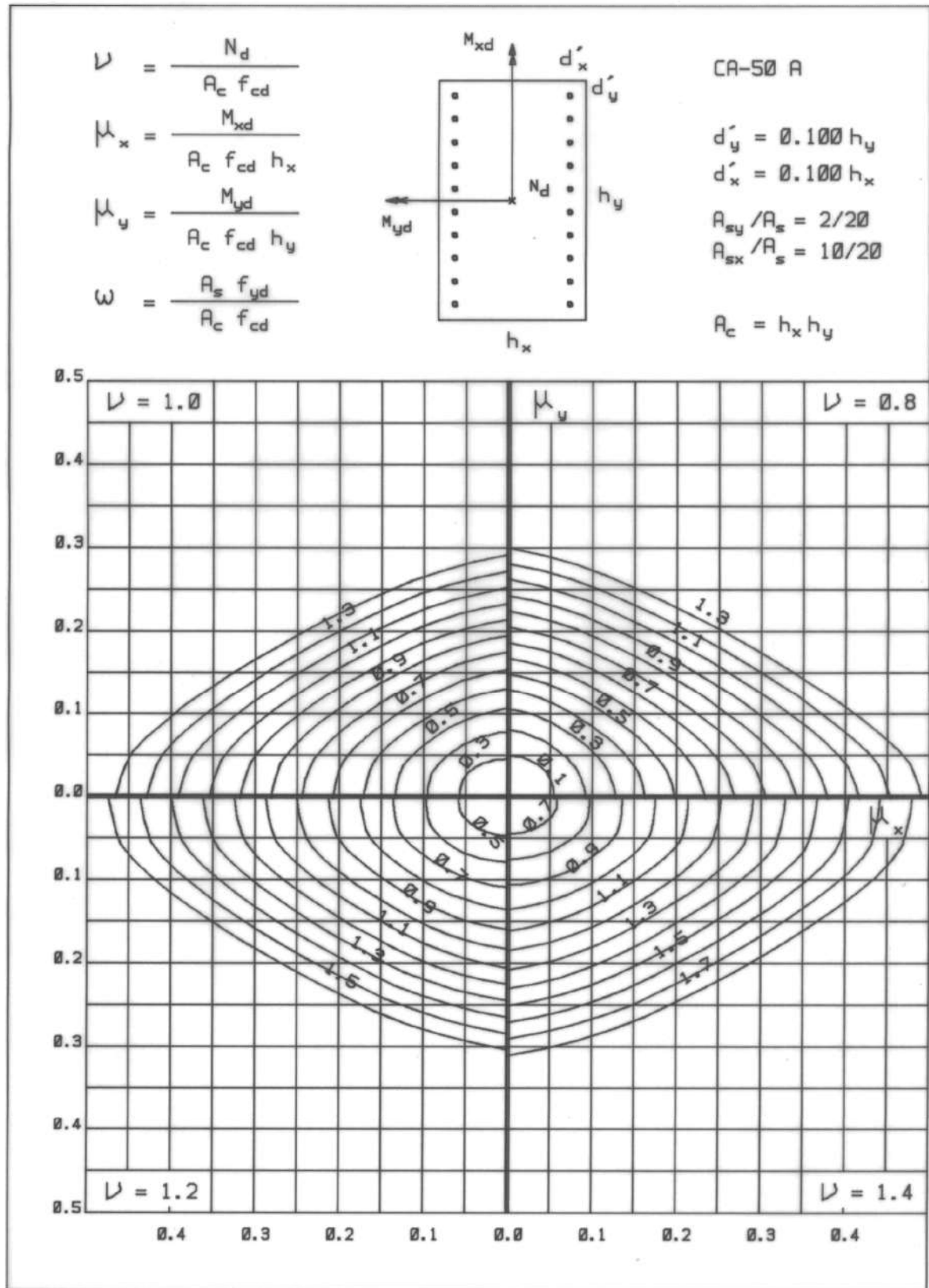
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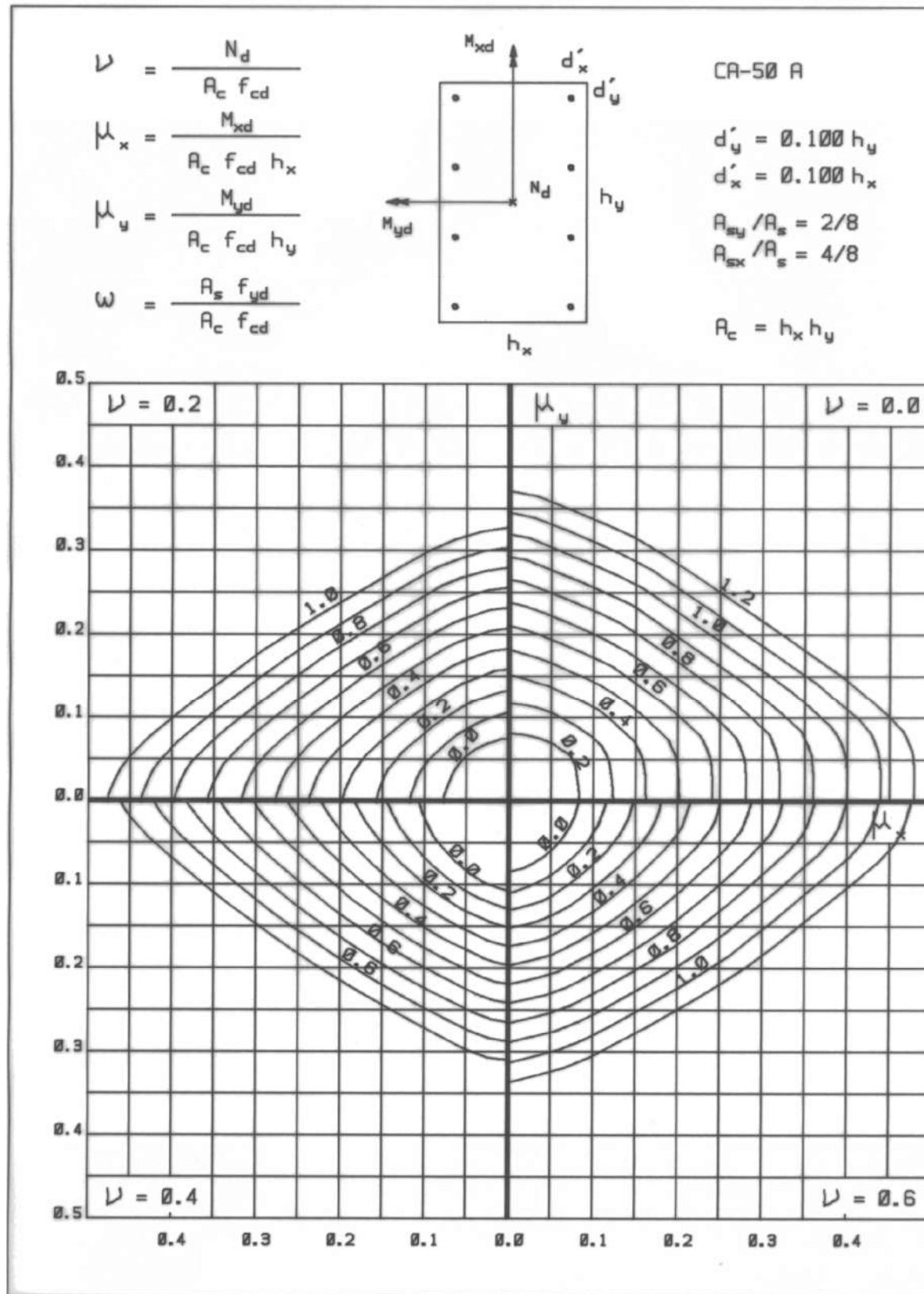
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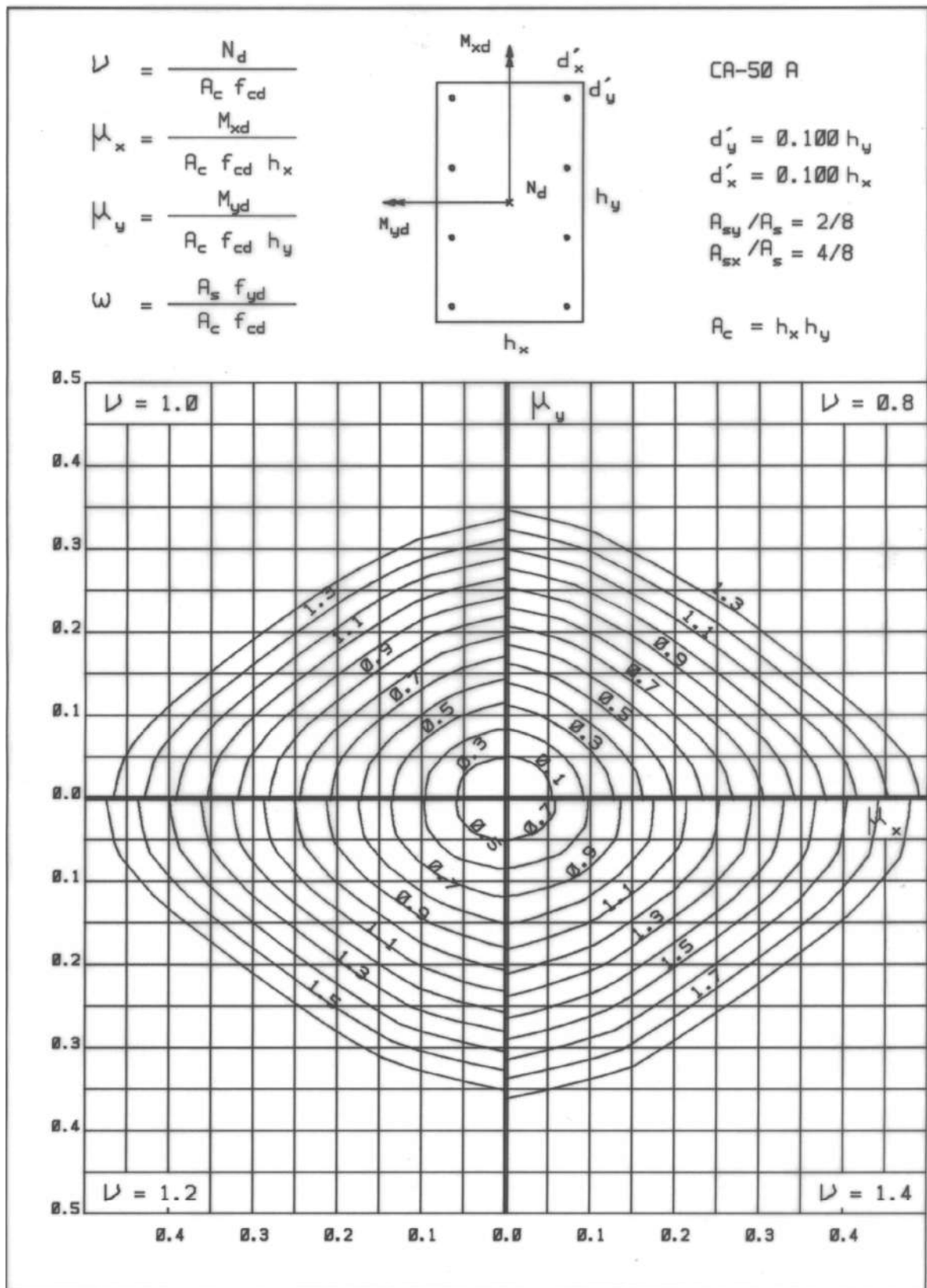
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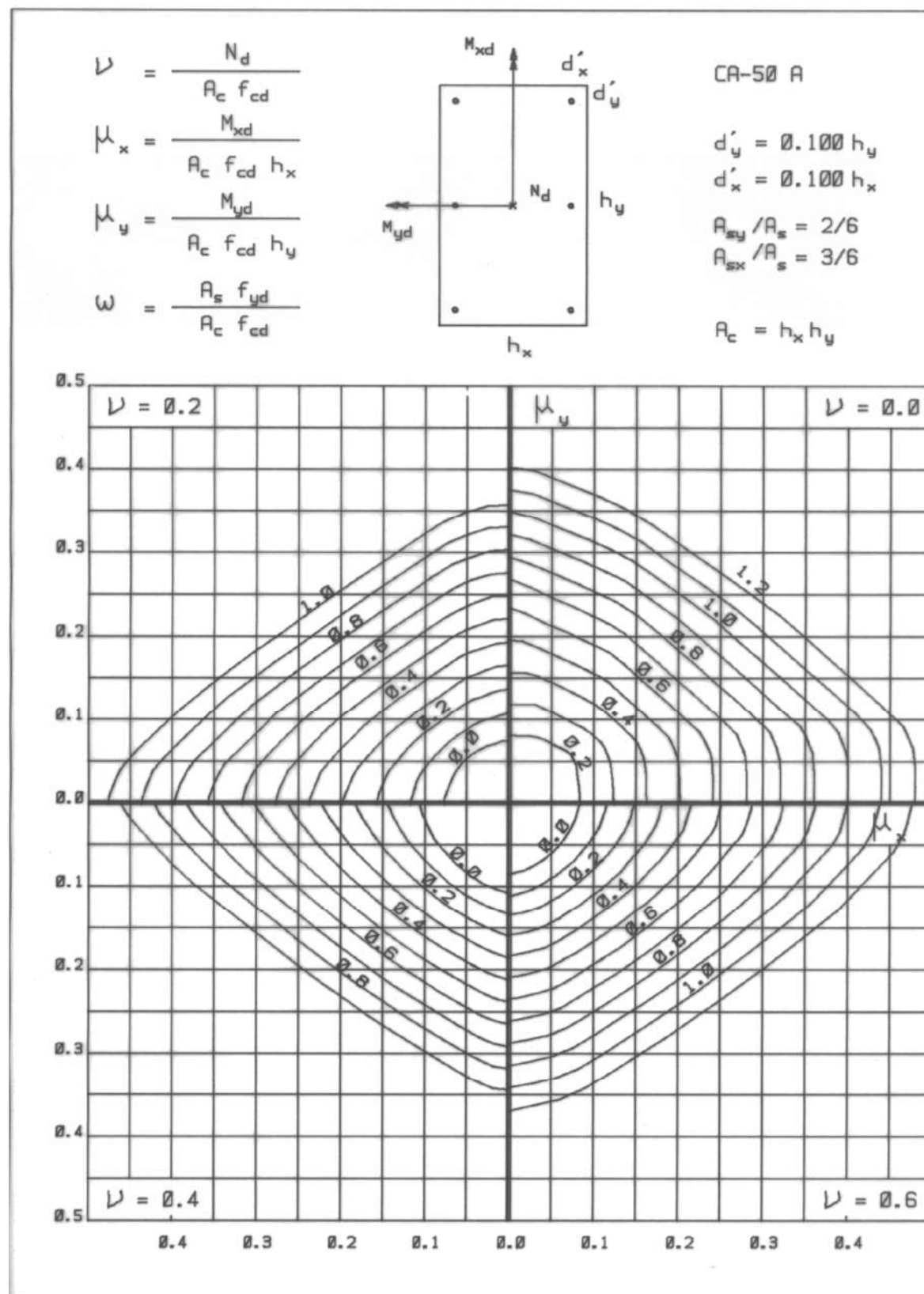
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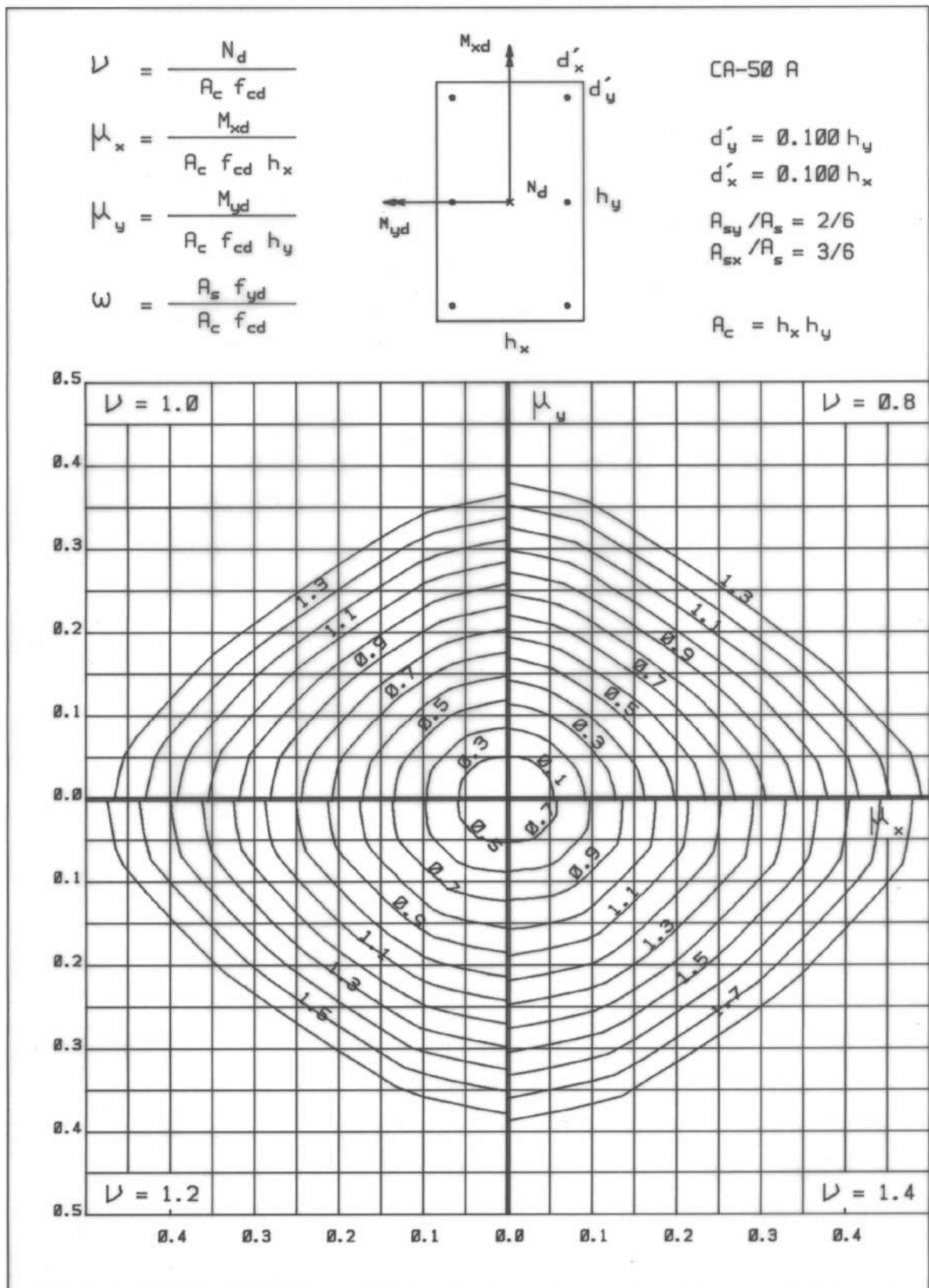
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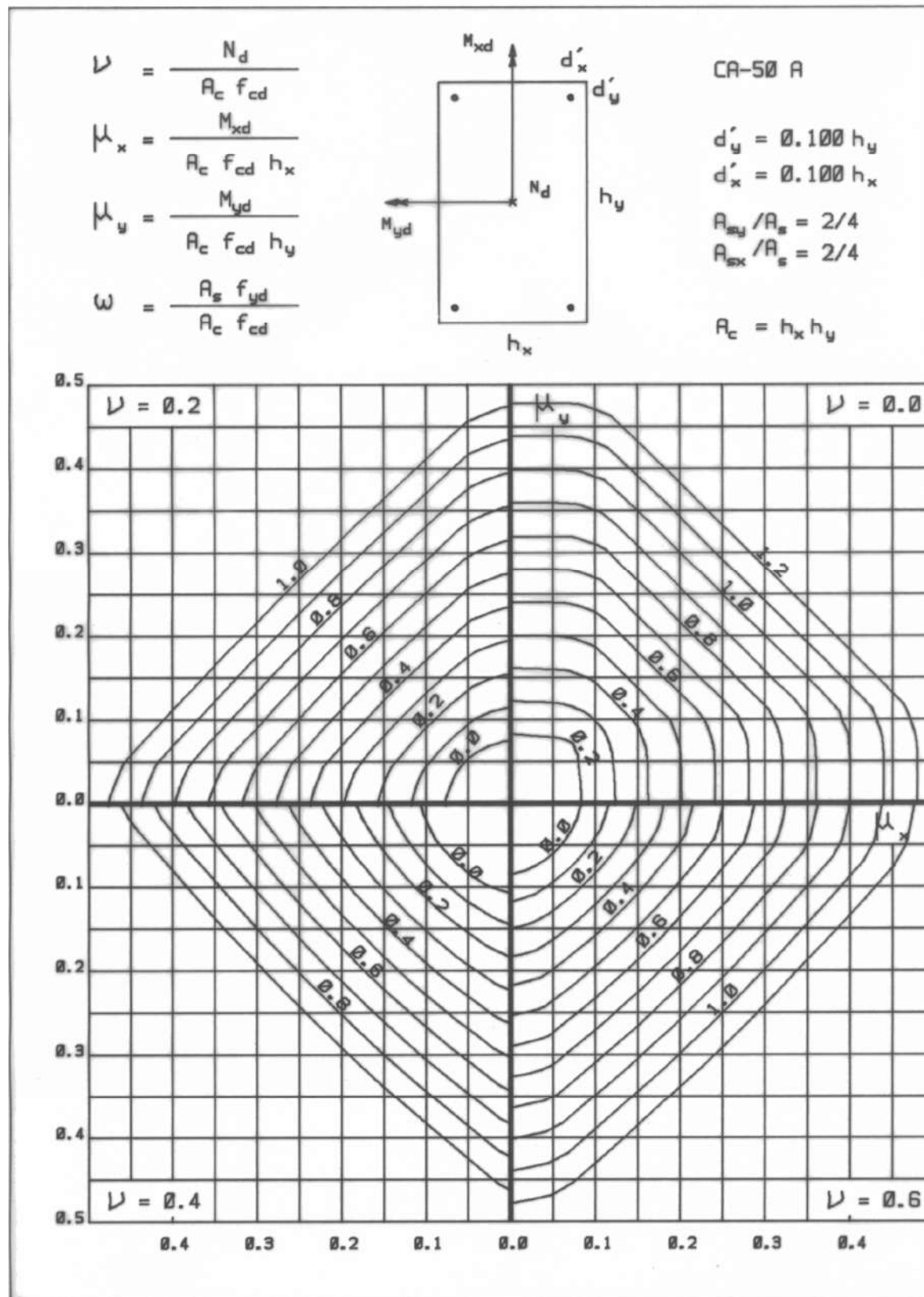
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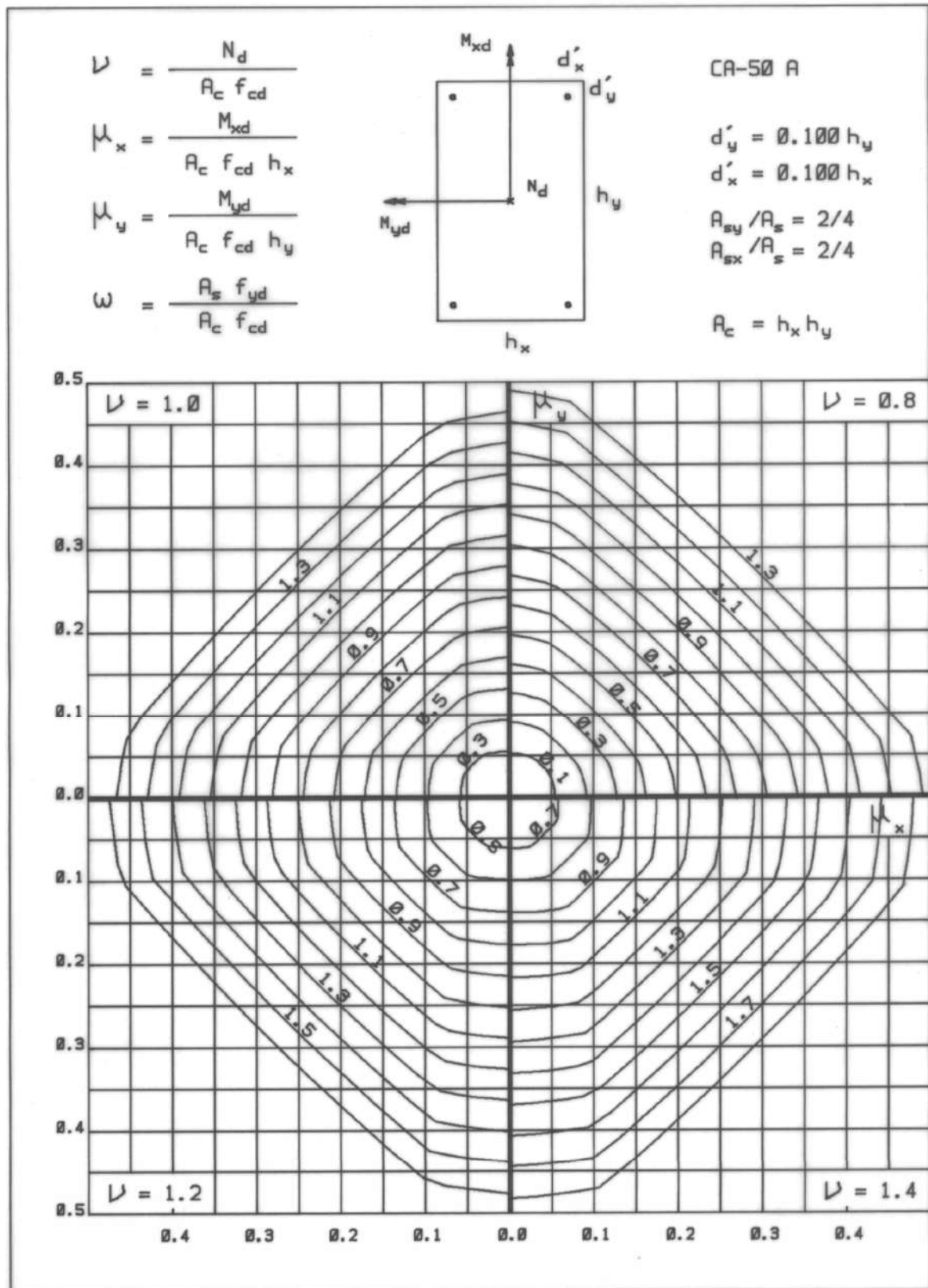
41B



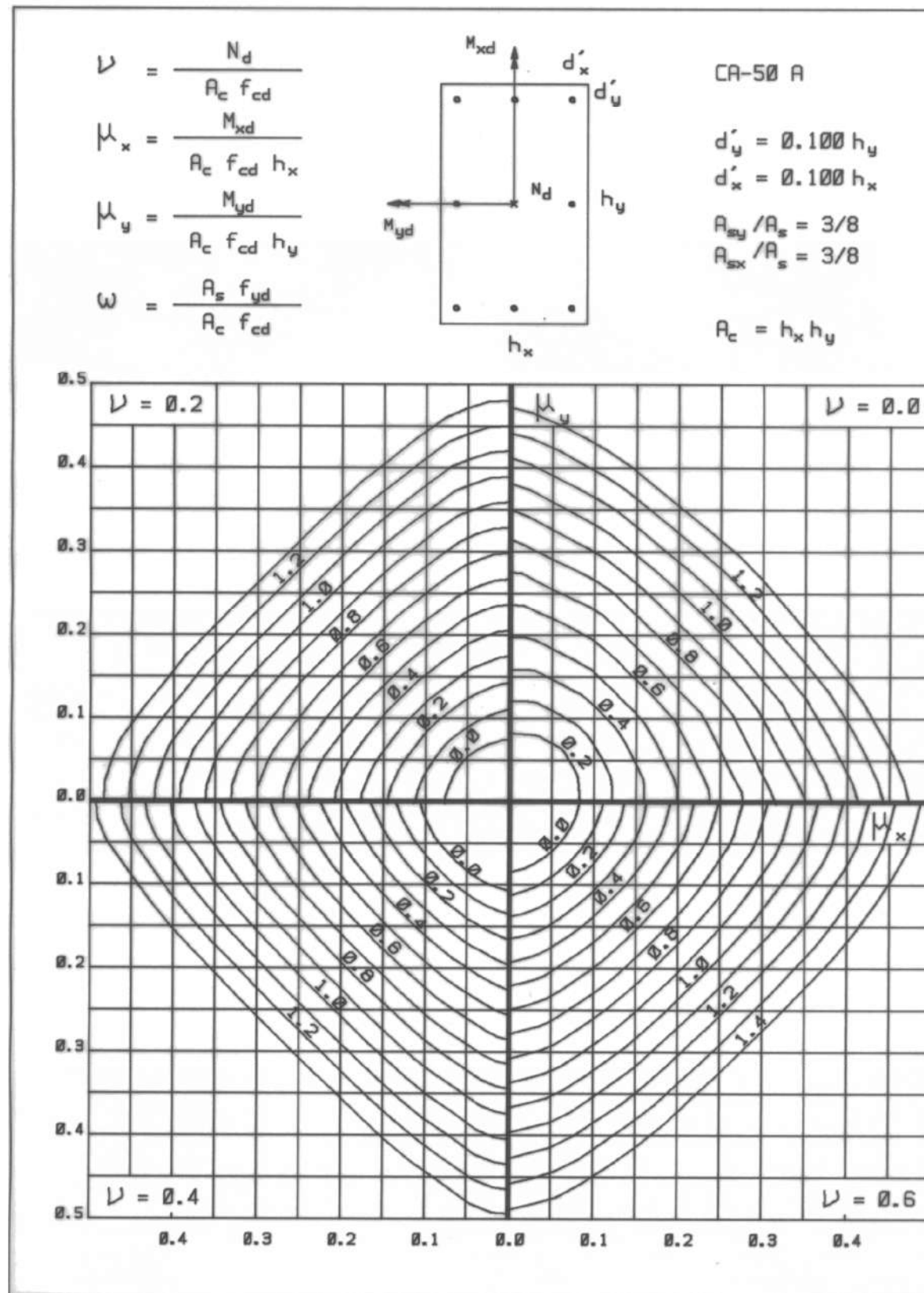
42A



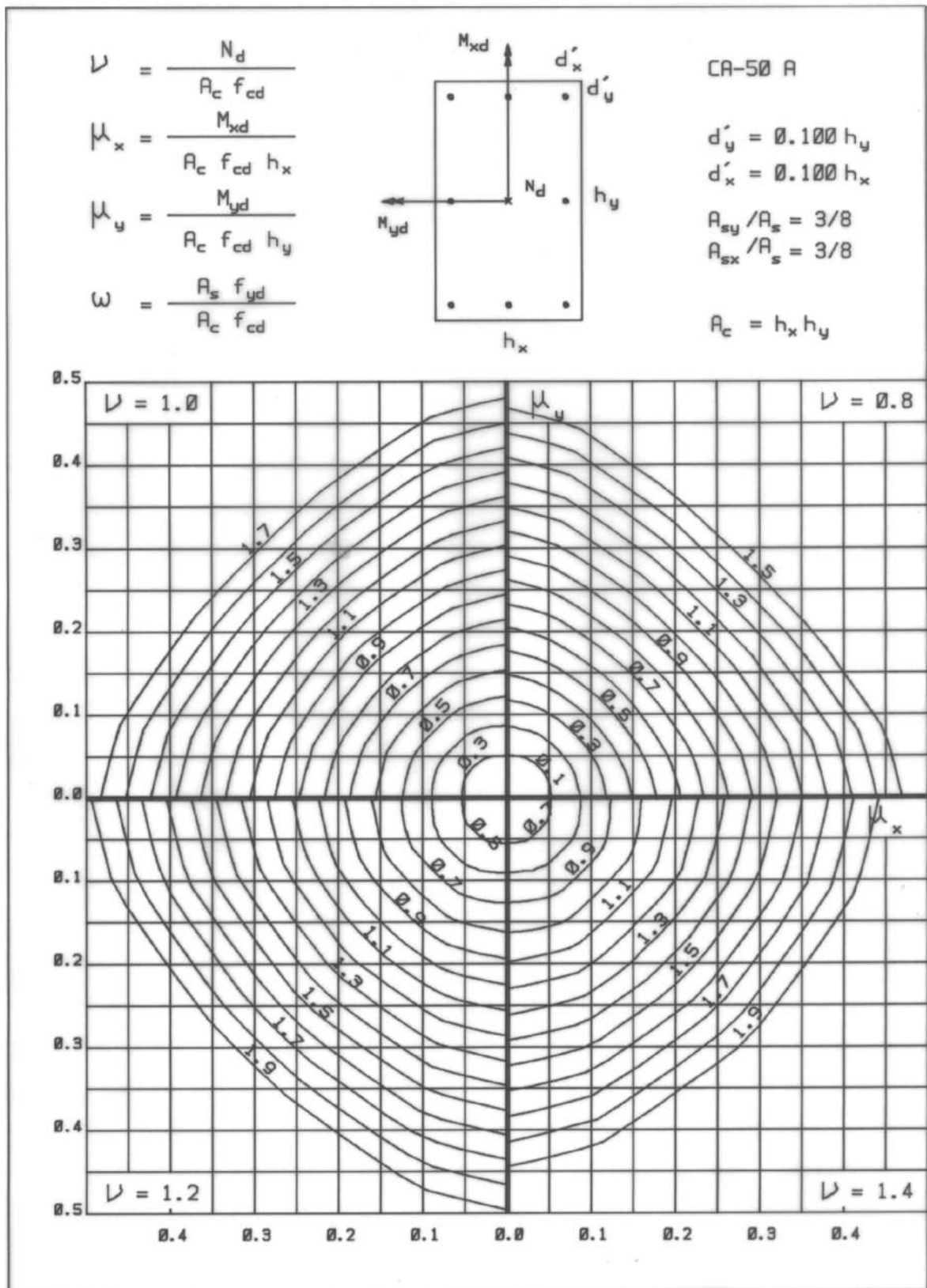
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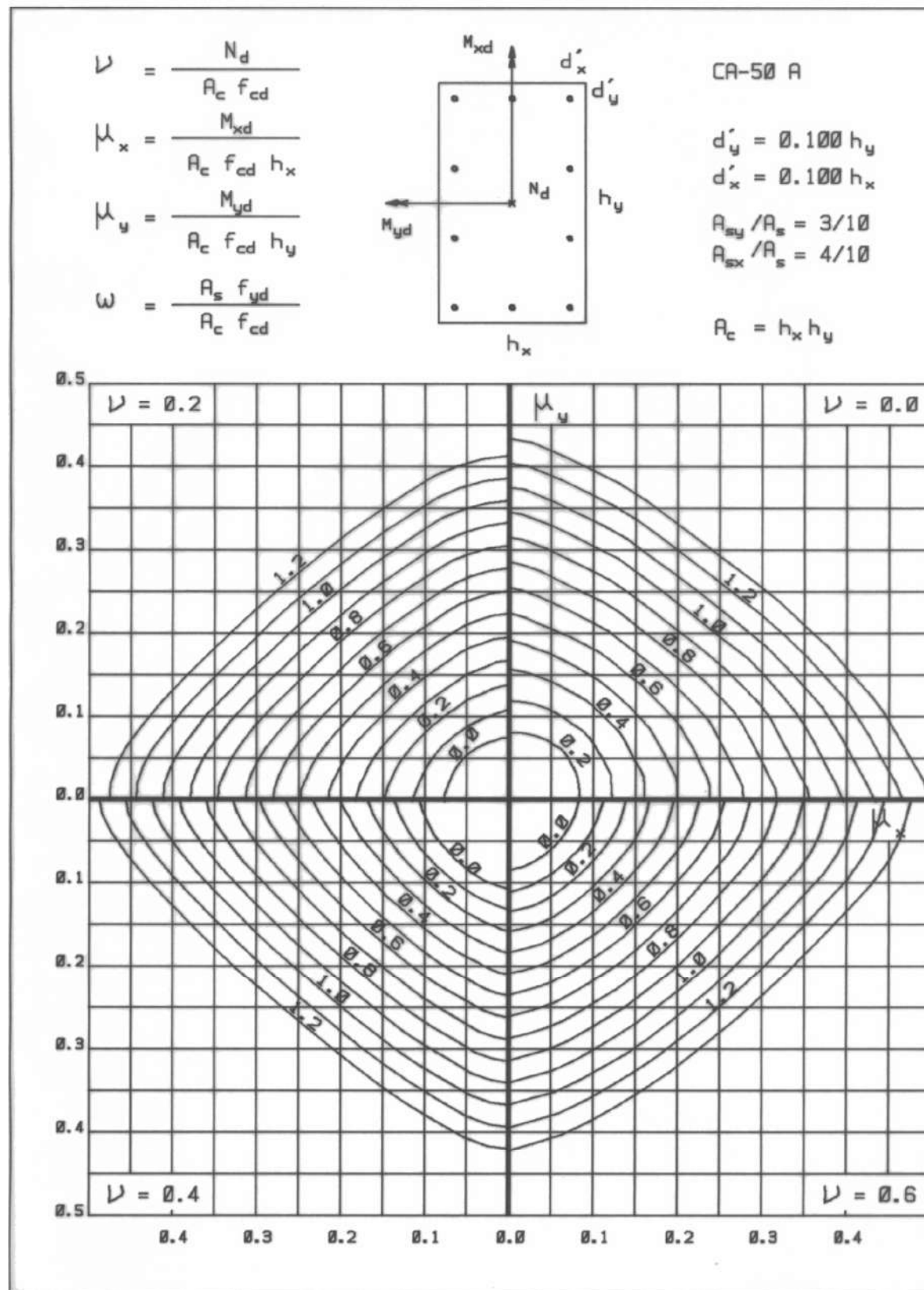
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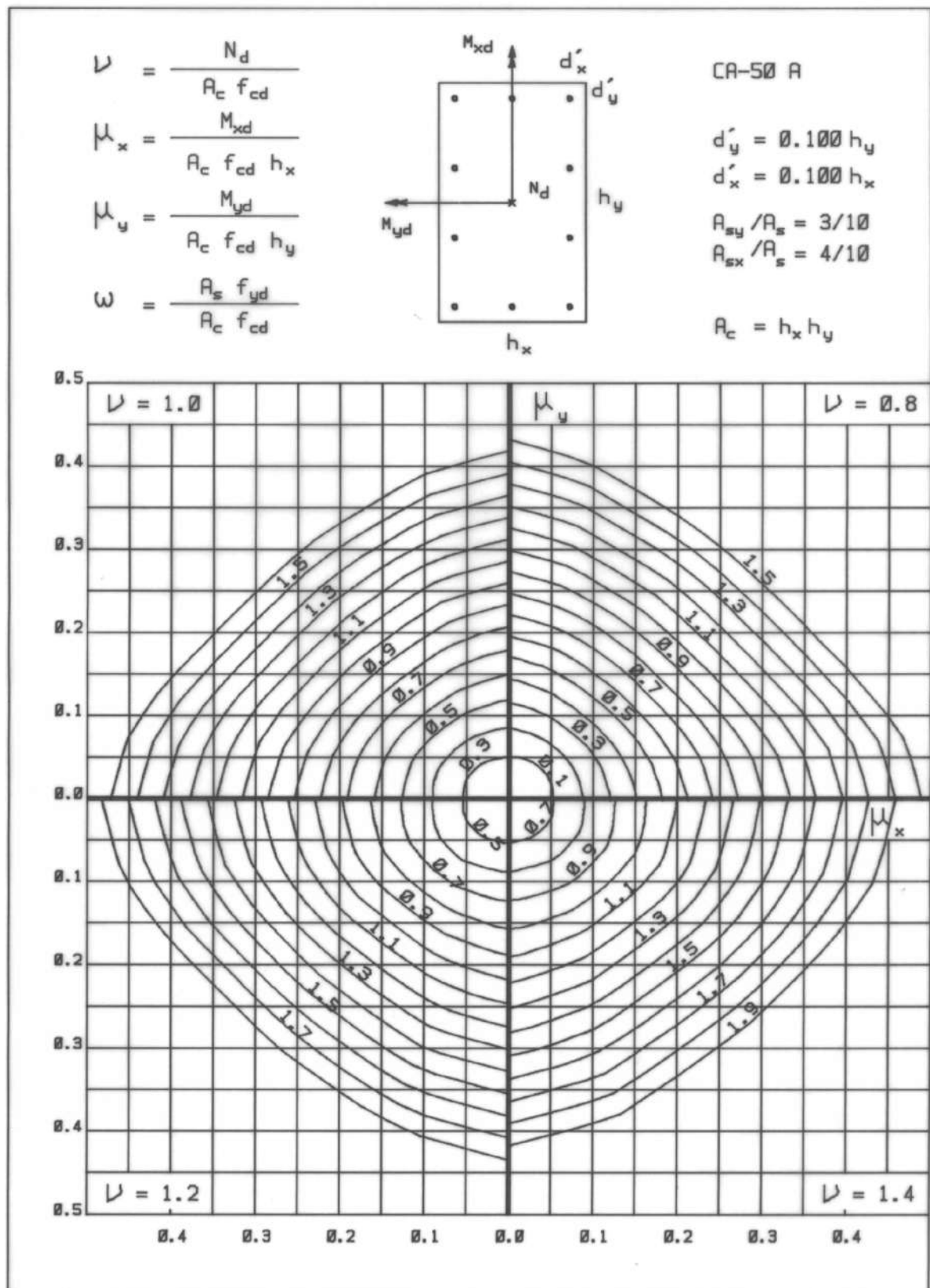
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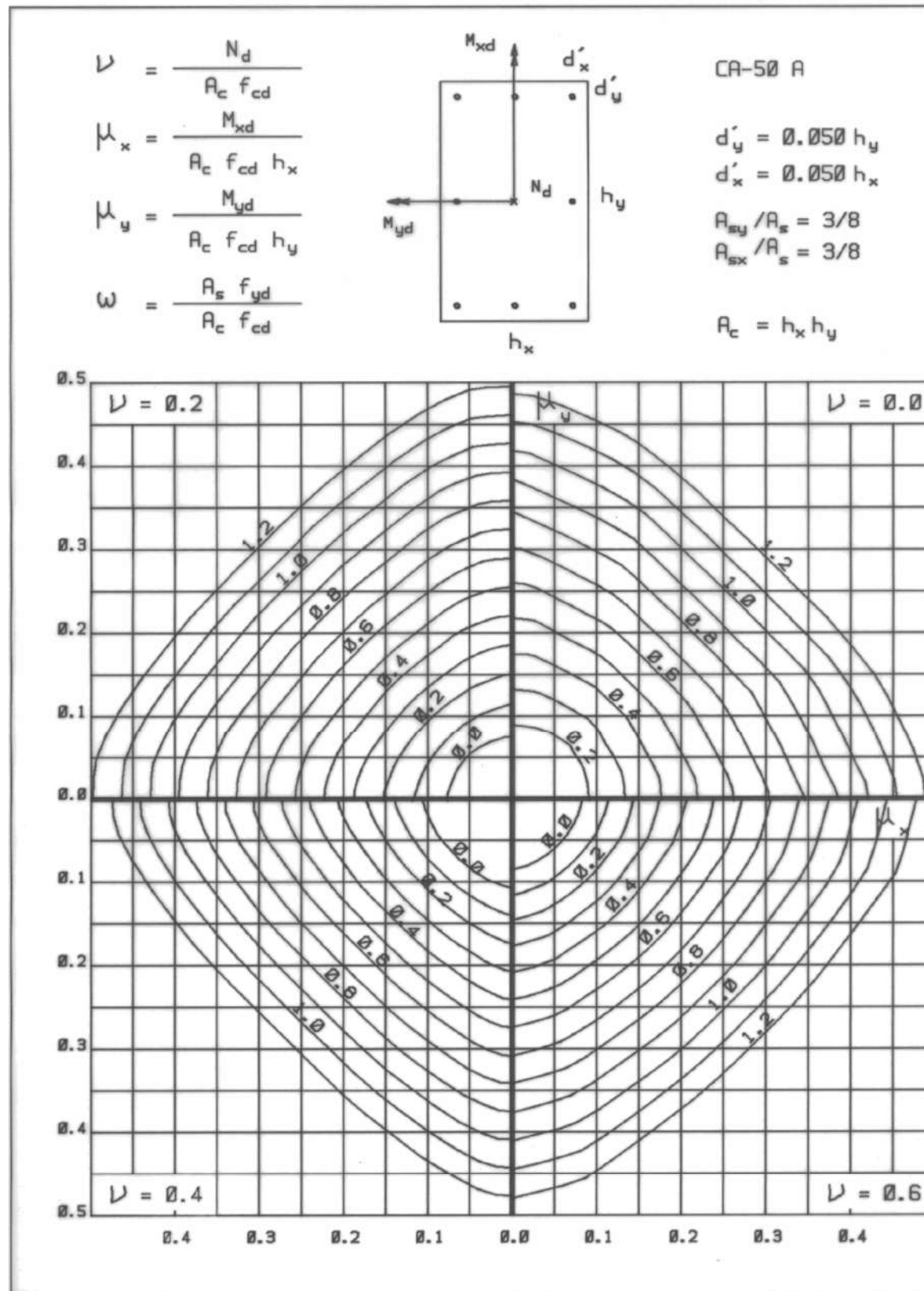
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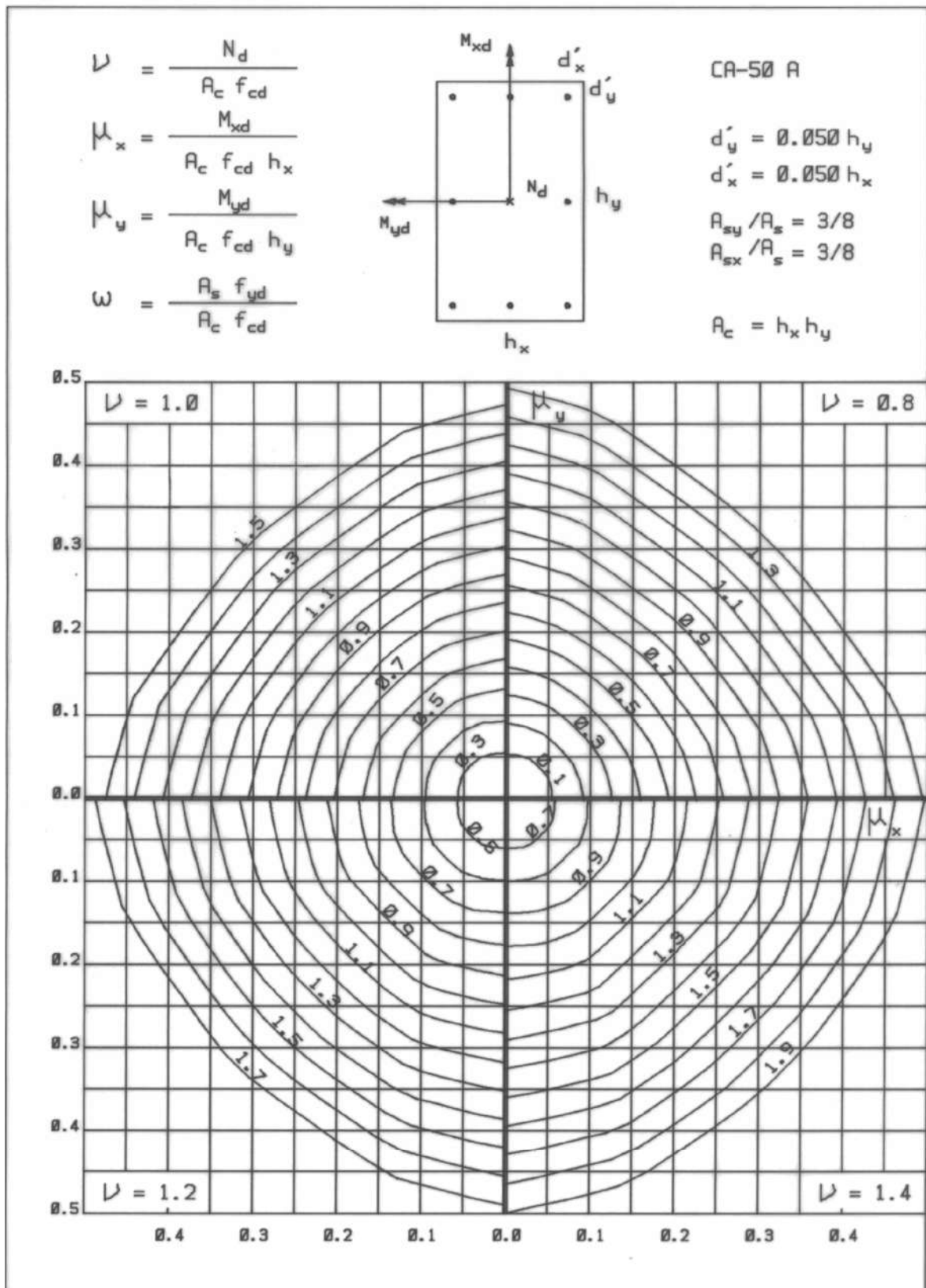
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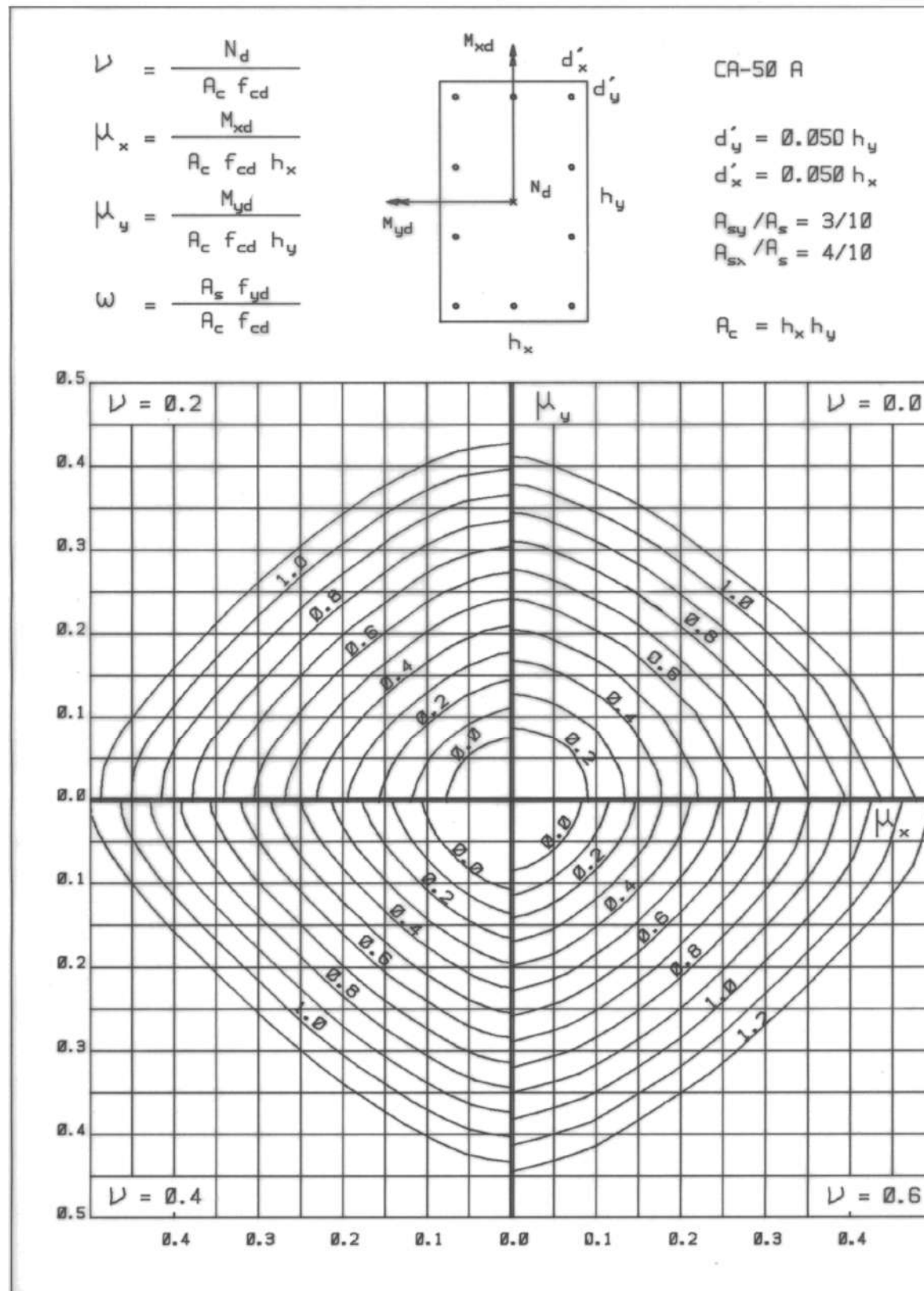
45A



45B



46A



46B

