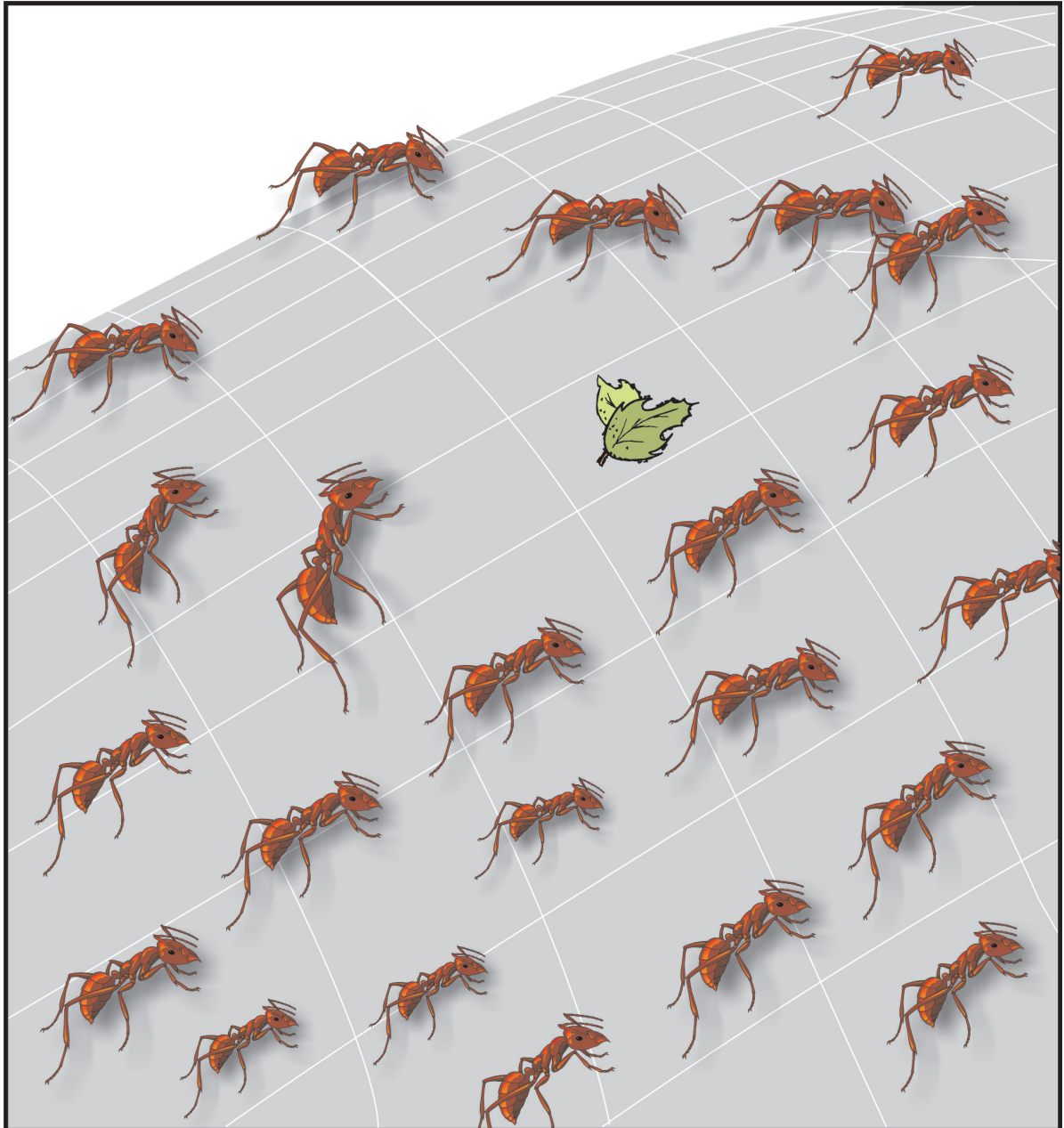




FORMICA

Solução Matemática Via Formigas

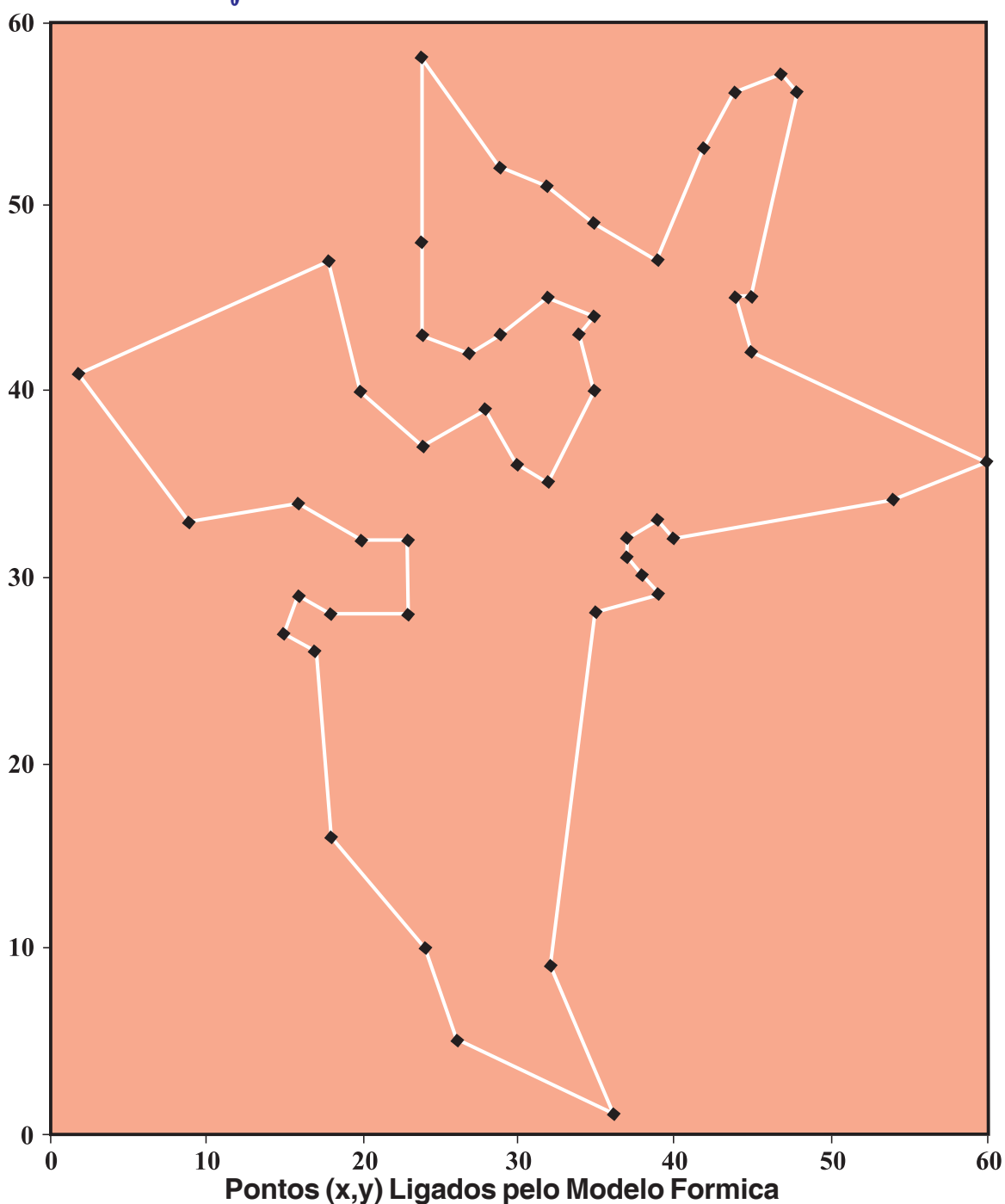





OTIMIZAÇÃO FEROMÔNICA

Prof. Aguinaldo Prandini Ricieri



Trajétoria do Robô Soldador de Menor Distância

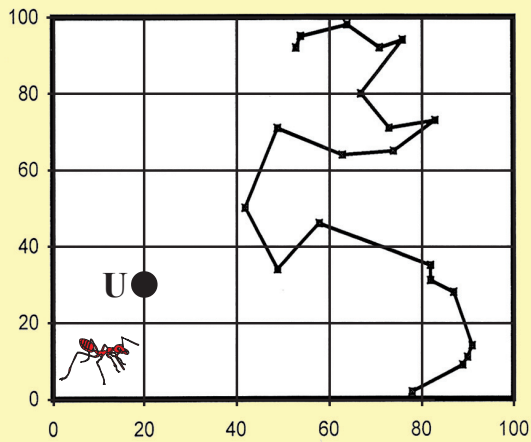


ITERAÇÃO 1 			ITERAÇÃO 93 			ITERAÇÃO 245 		
FUNÇÃO OBJETIVO FORMIGA 6			FUNÇÃO OBJETIVO FORMIGA 15			FUNÇÃO OBJETIVO FORMIGA 7		
OBJ= 77.09 (L ¹)			OBJ= 53.23 (L ¹⁵)			OBJ= 45.24 (L ⁷)		
PONTO	X	Y	PONTO	X	Y	PONTO	X	Y
6	6.00	10.00	15	7.50	8.00	7	4.50	8.00
15	7.50	8.00	16	6.50	6.50	1	6.00	12.00
2	1.00	7.50	20	7.00	5.50	6	6.00	10.00
19	6.00	4.50	3	3.00	1.00	15	7.50	8.00
17	5.00	6.50	10	4.00	2.50	5	11.00	7.50
16	6.50	6.50	19	6.00	4.50	14	9.50	7.00
20	7.00	5.50	11	6.00	3.00	13	8.50	5.50
18	5.00	5.50	12	8.00	2.50	20	7.00	5.50

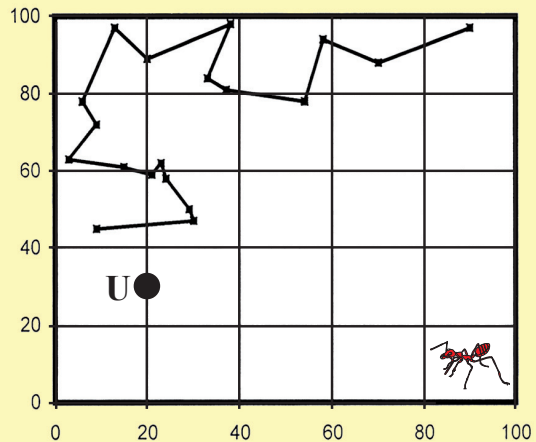


Frentes de Corte de Mesma Tonelagem de Eucalipto

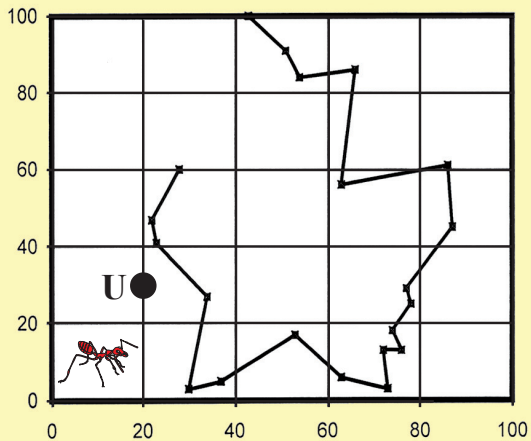
Frente 1 - $\Sigma Ta = 107457t$



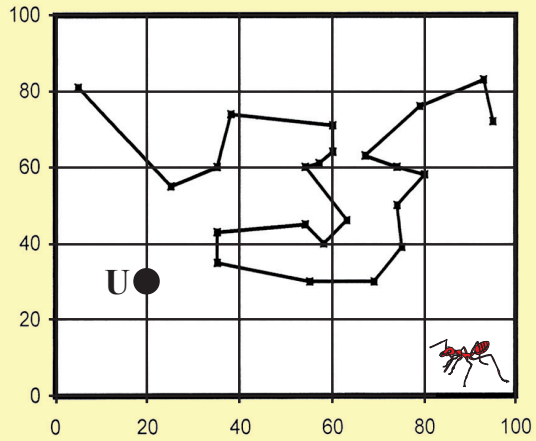
Frente 2 - $\Sigma Ta = 107185t$



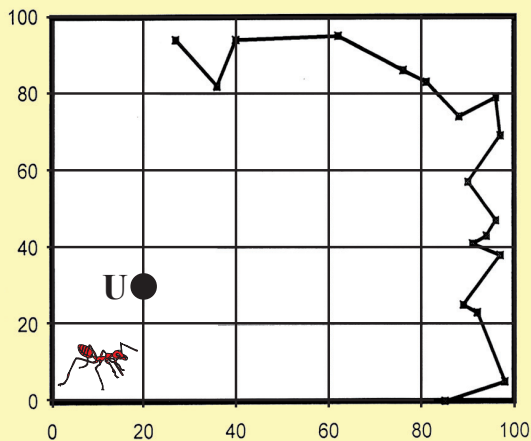
Frente 3 - $\Sigma Ta = 107850t$



Frente 4 - $\Sigma Ta = 108254t$



Frente 5 - $\Sigma Ta = 108068t$



Frente 6 - $\Sigma Ta = 109845t$

