




































5. M-HÜ

	$B = (8.9696213658884, 4.5)$	
	$a = \int_{x(A)}^{x(B)} h \, dx$ $= 49.4321899867648$	
	$b = (x(B) - x(A)) \cdot 4.5$ $= 35.5062952508073$	
	$o = \tan^{-1}(1.8567)$ $= 61.6935398840091^\circ$	
	$h'(x) = \text{Derivative}(h)$ $= -0.0182 \, x^3 + 0.273 \, x^2 - 1.5352 \, x + 3.1371$	
	$c = h'(1)$ $= 1.8567$	
	$e = \tan^{-1}(c)$ $= 1.0767553981864$	
	$u = e \, \pi \cdot 18$ $= 60.8890832757998$	
		

	$h(x) = -0.00455 x^4 + 0.091 x^3 - 0.7676 x^2 + 3.1371 x + 1.9$	
	$f(x) = 4.5$	
	$\text{Intersect}(h, f)$ $= A = (1.0793335323757, 4.5)$	
	$B = (8.9696213658884, 4.5)$	
	$a = \int_{x(A)}^{x(B)} h \, dx$ $= 49.4321899867648$	
	$b = (x(B) - x(A)) \cdot 4.5$ $= 35.5062952508073$	
	$o = a - b$ $= 13.9258947359575$	
		

	$B = (8.9696213658884, 4.5)$	
	$a = \int_{x(A)}^{x(B)} h \, dx$ $= 49.4321899867648$	
	$b = (x(B) - x(A)) \cdot 4.5$ $= 35.5062952508073$	
	$o = \tan^{-1}(1.8567)$ $= 61.6935398840091^\circ$	
	$h'(x) = \text{Derivative}(h)$ $= -0.0182 \, x^3 + 0.273 \, x^2 - 1.5352 \, x + 3.1371$	
	$c = h'(1)$ $= 1.8567$	
	$e = \tan^{-1}(c)$ $= 1.0767553981864$	
	$u = e \, \pi \cdot 18$ $= 60.8890832757998$	