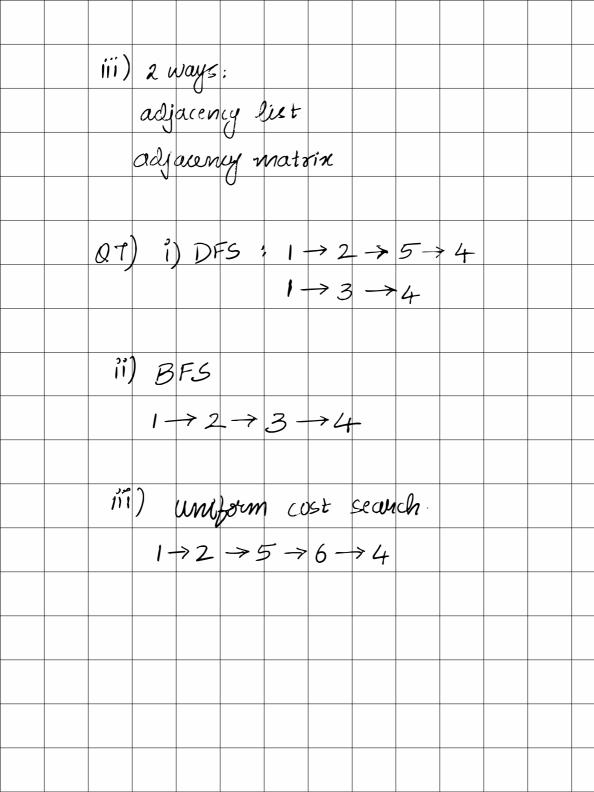


Q g	5)	K =	[1,1]],	w=	[131	J					
;)			60	nsid	crin	g k) = O					
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		= [1, 1		7+	O		Af;	lin	lel		
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		=	2									
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	11)	A =	: [-	1, -	J							
		y'	= [-1, =	Jſ	17			1.			
					<i></i>				Af:	Re	lu	
		Y=	(-1)	× 1) -	+ (-	1 ×1)						
		y'	= -	-2								
		Y	<u></u>	-2 Af (O	-2)							
			Y=	0								

QE)										
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$$Q(1) \quad L(w) = \frac{1}{2} (wx - y)^{2}$$

$$\frac{dL(w)}{\partial w} = \frac{1}{2} ((wx)^{2} + y^{2} - 2wxy).$$

$$\frac{1}{2} w = \frac{1}{2} (x^{2})w^{2} - x^{2} \cdot 2w$$

$$= x^{2}w - 2xy$$

$$\frac{1}{2} w = \frac{1}{2} (x^{2})w^{2} + \frac{1}{2} (x^{2}w^{2} - 2xy)$$

$$\frac{1}{2} w = \frac{1}{2} (x^{2})w^{2} + \frac{1}{2} (x^{2}w^{2} - 2xy)$$

$$\frac{1}{2} w = \frac{1}{2} (x^{2})w^{2} + \frac$$

Q	2)	í) u	ntro	þhy	(b	lay,	ten	1þ).			
1)	E	(þ)	= -1	× Z	= N - ;=1	þŕ	(log	(þi))		
			=	0.9	P 111						
	i)	Enti	אלן טא	ry C	bloey) =	1.	00			
			<i>,</i> (J	, 0						