Example 1:

т_	1	2	2	1	1	2	2	1	1	2	2	1	
			.5	1 4			.5	4			.5	4	כ
•	_	_	_	•	_	_	_	•	_	_	_	•	•

Brute-force Matching:

		Χ	Χ	Χ	Χ	Х	Χ	Х	X				
T=	1	2	3	4	1	2	3	4	1	2	3	4	5
	1	2	3	4	5								
		1											
			1										
				1									
					1	2	3	4	5				
						1							
							1						
								1					
									1	2	3	4	5

Example 2:

T=	1	2	3	4	1	2	3	4	1	2	3	4	5	
----	---	---	---	---	---	---	---	---	---	---	---	---	---	--

P=	1	2	3	4	5
•	_	_	9	•	

$\pi[P] = $

KMP Matching:

					Χ				Χ				
T=	1	2	3	4	1	2	3	4	1	2	3	4	5
	1	2	3	4	5								
					1	2	3	4	5				
									1	2	3	4	5

Example 3:

T=	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В
										•	•

P=	Α	Α	Α	Α	Α	В

Brute-force Matching:

						Χ	Χ	Χ	Χ	Χ	
T= [Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В
	Α	Α	Α	Α	Α	В					
		Α	Α	Α	Α	Α	В				
			Α	Α	Α	Α	Α	В			
				Α	Α	Α	Α	Α	В		
					Α	Α	Α	Α	Α	В	
						Α	Α	Α	Α	Α	В

Example 4:



KMP Matching:

						Χ	Χ	Х	Х	Х	
T=	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В
	Α	Α	Α	Α	Α	В					
		Α	Α	Α	Α	Α	В				
			Α	Α	Α	Α	Α	В			
				Α	Α	Α	Α	Α	В		
					Α	Α	Α	Α	Α	В	
	·					Α	Α	Α	Α	Α	В

Example 5:

T_	\cap	1	\cap	\cap	1	\cap		\cap	1	\cap	\cap	\cap	\cap
1 – 1	U		U	U		U	l U	U		U	U	U	l U
	_		_	_		_	_	_		_	_	_	

P= 0 0 0 0

Brute-force Matching:

		Х			X				X				
T=	0	1	0	0	1	0	0	0	1	0	0	0	0
	0	0											
		0											
			0	0	0								
				0	0								
					0								
						0	0	0	0				
							0	0	0				
								0	0				
									0				
										0	0	0	0

Example 6:

_	_	_		_				_	_	_	_	_	_
T-	\cap	1 1	Λ	Λ	1	Λ	Λ	Λ	1	1 N	Λ	\cap	1 N
1 —	U		U	U		U	U	U		U	U	U	U

KMP Matching:

	x			X					Х				
T=	0	1	0	0	1	0	0	0	1	0	0	0	0
	0	0											
		0											
			0	0	0								
				0	0								
					0								
						0	0	0	0				
							0	0	0				
								0	0				
									0				
										0	0	0	0