





Kernel Tricle

\* The imput dimension will be transformed into a higher

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		Feotones	10-			
	(X)FI	(y)F2	torge 4	0.5 -	· de ur	• •
•			J	0.0		• :-
				-0.5 -		•
				-1.0	-0.5 0.0 0	5 10
			<u> </u>			

higher dumongim

F3 = G(F1, F2)

(x)Fi	ryles	2)63	torce	
	077	ביי	, j	<del></del>
				e%

:: Z= 2+45 =22+34+34

Kerner Trick

current Dimension - > Higher Dimension

## Kerner Trick

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(T) Linear Kernel (The shondord case)
(4) polynomial remet -> 2(F3) = 2x2 +342 + 2xy + 5x +34
(Example)
(111) RBG (20106) => == e-(21272)
(Ratural Sias Sincham)
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