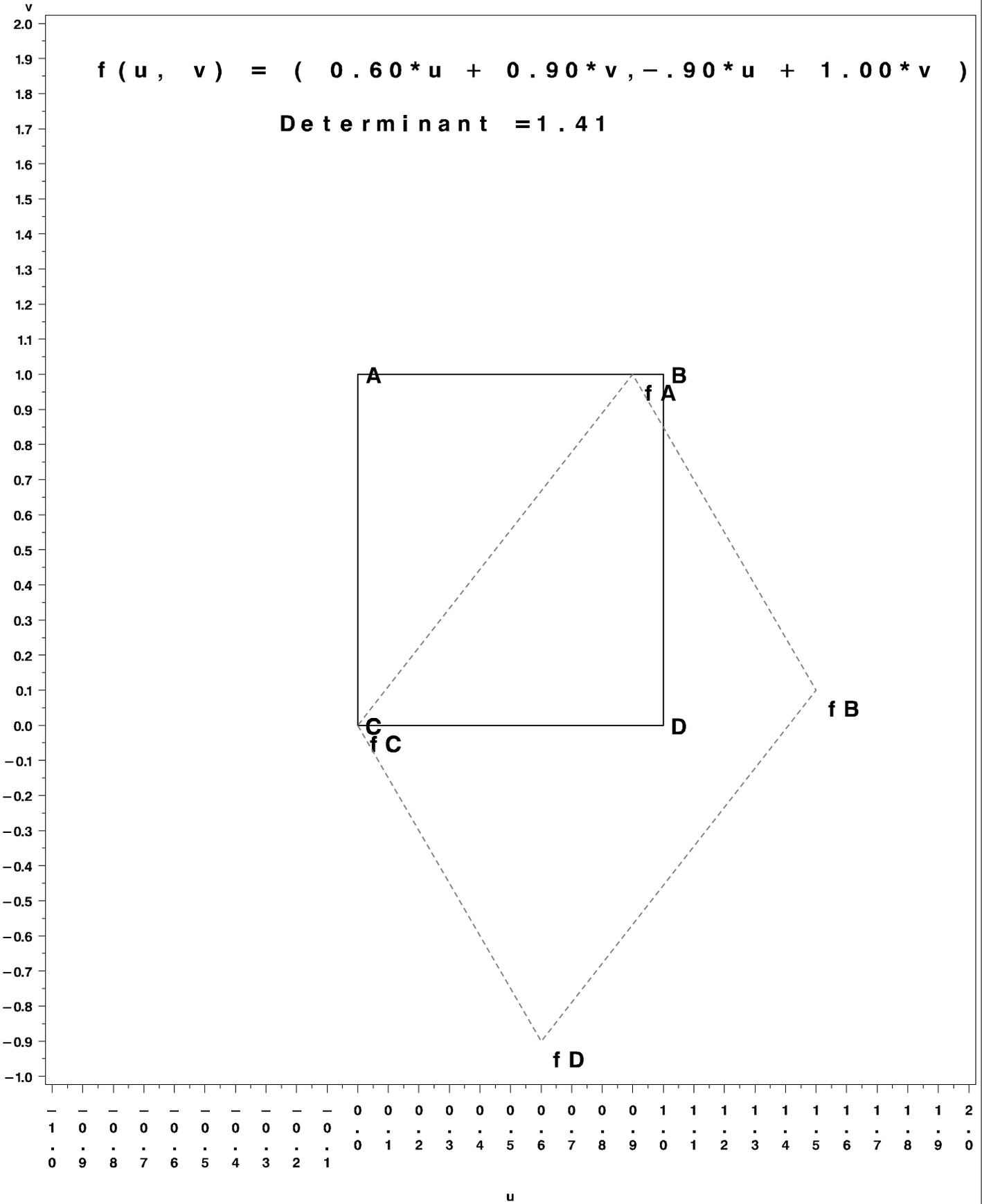


# Illustration of What a Linear Transformation Does to the Unit Square

$$f(u, v) = ( 0.60 * u + 0.90 * v, - .90 * u + 1.00 * v )$$

Determinant = 1.41



-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2		
1	0	0	0	0	0	0	0	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
0	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4		