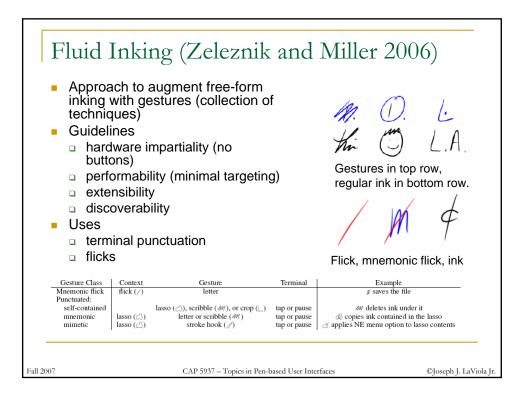
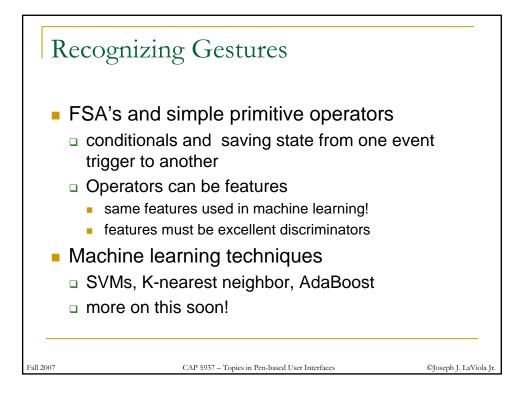


Gesture	Result	Description
P. = 3 60() Fx=3 5	Makes implicit association using label family 'P'
Px = 3 G	Px=3 🗖 P 🖓	Makes implicit association with explcit tap on object
d=1.57	d=1.57 1 d	Implicit angle association and rectification
_ فعف	eee	Nail two drawing elements by small circle and tap
	Ċ	Group strokes
9 = X	$A = X^{2}$	Lasso and drag symbol to change position





	Input: Strokes s_{i-1} and s_{i-2} , a bounding box threshold ϵ_{box} , and a line
Detecting and equal	difference threshold ϵ_{diff} .
sign	Output: True or false.
olgh	DETECTEQUALSIGN $(s_{i-1}, s_{i-2}, \epsilon_{box}, \epsilon_{diff})$
	(1) $P \leftarrow Points(s_{i-1})$
	(2) $Q \leftarrow Points(s_{i-2})$
	(3) $b_1 \leftarrow BoundingBox(s_{i-1})$
	$ \begin{array}{ll} (4) & b_2 \leftarrow BoundingBox(s_{i-2}) \\ (5) & & & \\ \end{array} $
	$(5) \qquad slen_1 \leftarrow \sum_{i=2}^n \ P_i - P_{i-1}\ \\ \sum_{i=1}^n \ P_i - P_{i-1}\ $
	$(6) \qquad slen_2 \leftarrow \overline{\sum_{i=2}^n} \ Q_i - Q_{i-1}\ $
	(7) if $slen_1 > \epsilon_{box} \sqrt{Width(b_1)^2 + Height(b_1)^2}$ or $slen_2 > \epsilon_{box} \sqrt{Width(b_2)^2 + Height(b_2)^2}$
	(8) return false
	(9) if $Width(b_1) < Height(b_1)$ or $Width(b_2) < Height(b_2)$
	(10) return false
Note that as the gesture	(11) $diff_1 = X(P_1) - X(Q_1) $
set increases the more	(12) $diff_2 = X(P_n) - X(Q_n) $
ests you typically have	(13) if $LineOverlap(P_1, P_n, Q_1, Q_n)$ and $diff_1 < \epsilon_{diff}$ and $diff_2 < \epsilon_{diff}$
o employ to avoid	(14) return true
conflicts.	(15) else
	(16) return false

