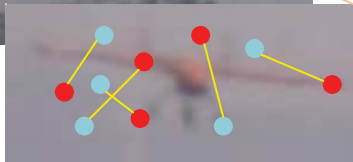
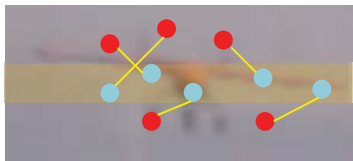


Original Frame



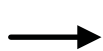
Random Pairs



Semi-random Pairs

Relative intensities of a pair of pixels

$$f_i = \begin{cases} 0 & \text{if } I(d_{i,1}) < I(d_{i,2}) \\ 1 & \text{otherwise} \end{cases}$$



1	0	0	1	1
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Binary Code



$F = 19$

Decimal

Training Data



$P(y = 1|F) = 0.7$