```
diff1 = zeros(128, 128);
for i=1:128
    for j=1:128
        min=65535;

        for u=1 to 8
            for v=1 to 8
                diff1(i,j) = diff1(i,j) + (a(i+u, j+v) - p(u,v))^2;
            end
        end
    end
end

// index of min value of
// matrix diff1(  ,  ) would
// be the starting po pixel of
// matching point
// (Ignore boundaries)
//      where template can't fit
```

& No redchange
regard of index
start from '0' of
p & a

p(u,v)

$(u-1) (v-1)$

2