

SVM based

LEAST SQUARE



CPV LS-SVM based

IMAGE

INPAINTING

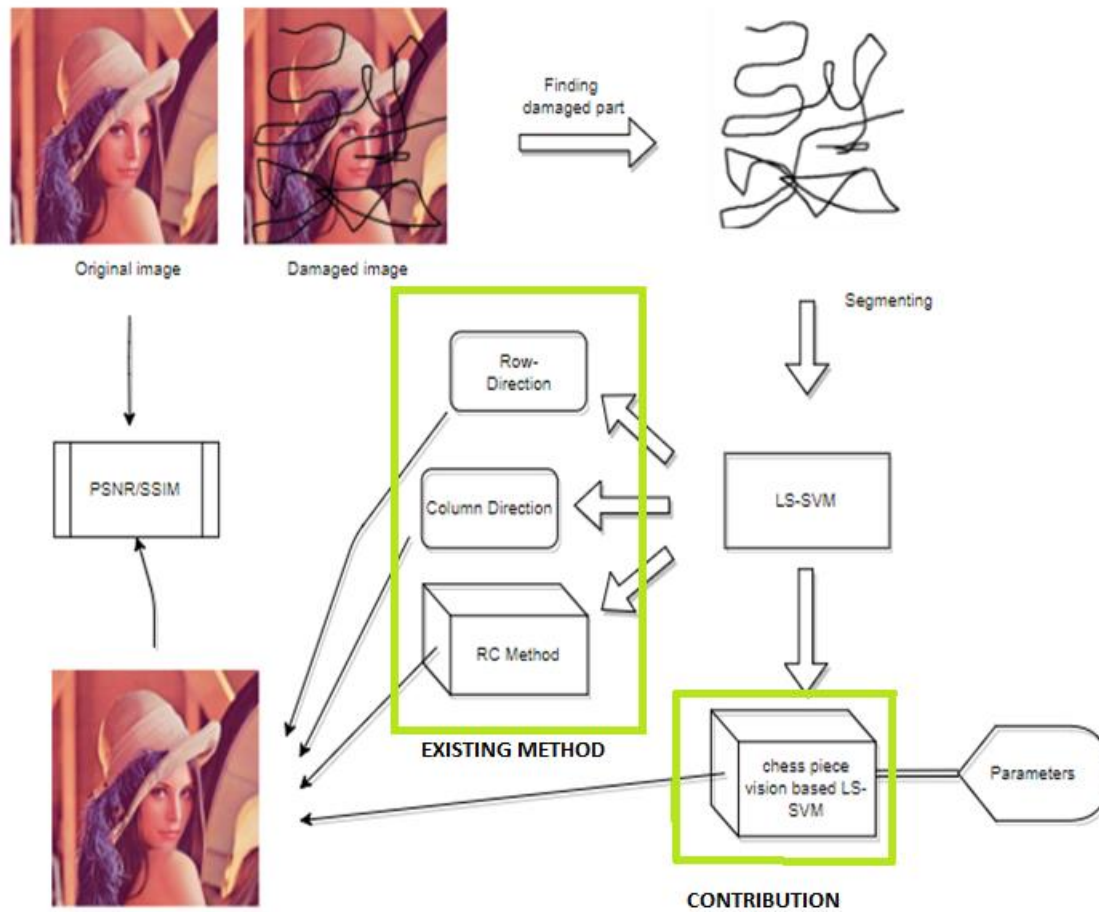
A diagram illustrating a Support Vector Machine (SVM) for binary classification. It shows two classes of data points (represented by red and blue dots) separated by a linear decision boundary. The text "SUPPORT VECTOR MACHINE" is overlaid on the image.

BY
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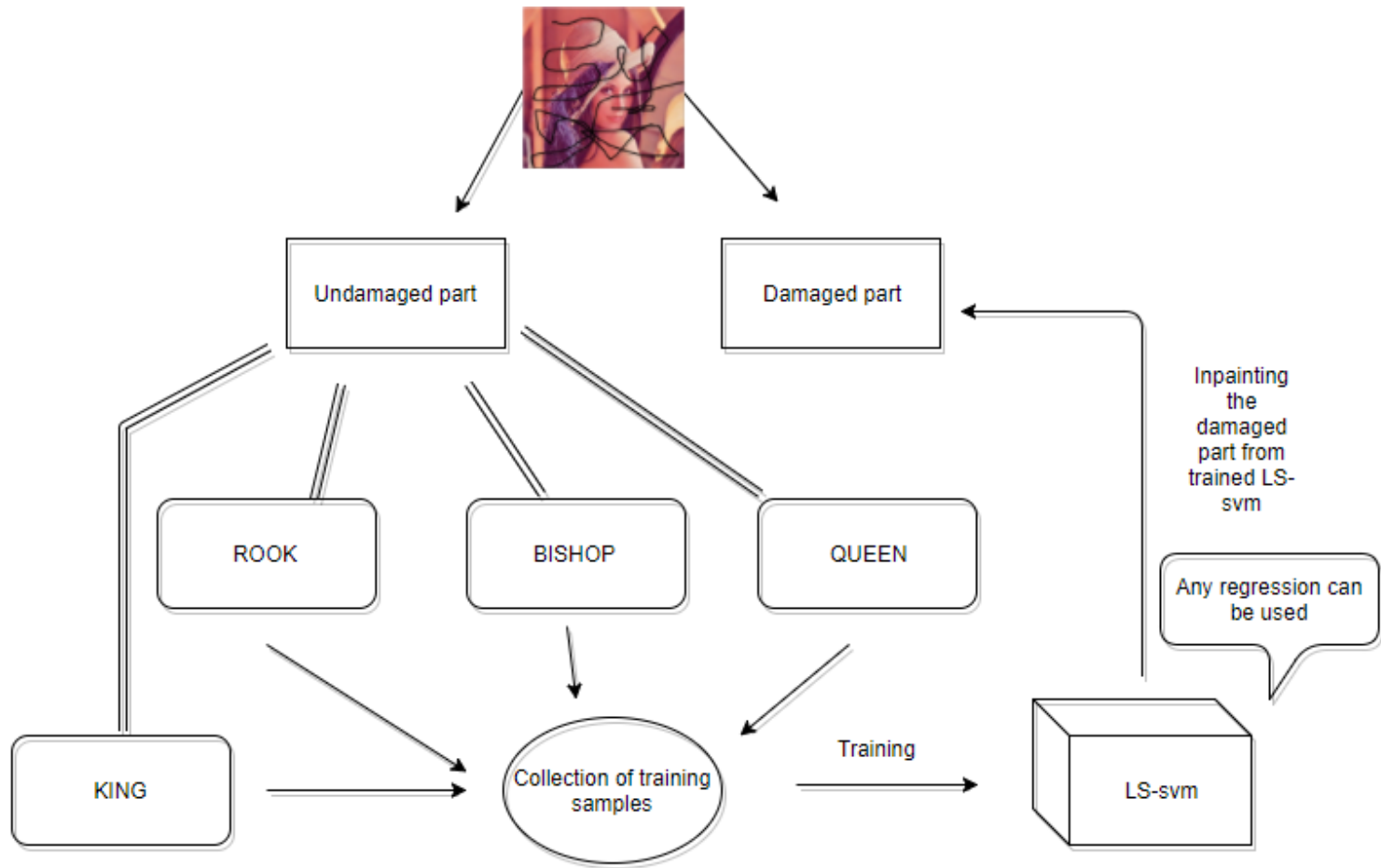
A close-up photograph of a hand holding a large black chess king piece, poised to move it. A smaller white chess king piece stands on the light-colored surface below. The background is a soft, out-of-focus light. The image is watermarked with 'alamy' and 'alamy stock photo' is visible in the bottom left corner.



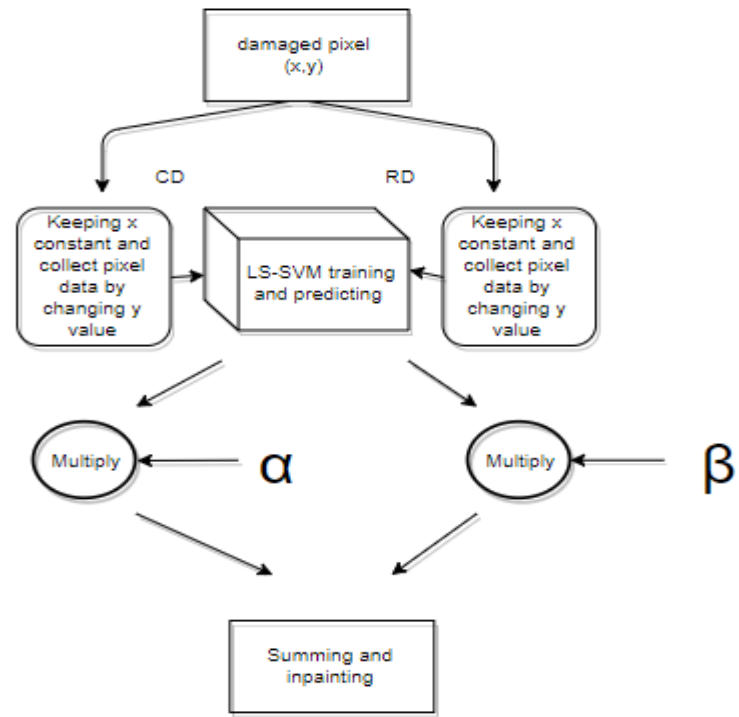
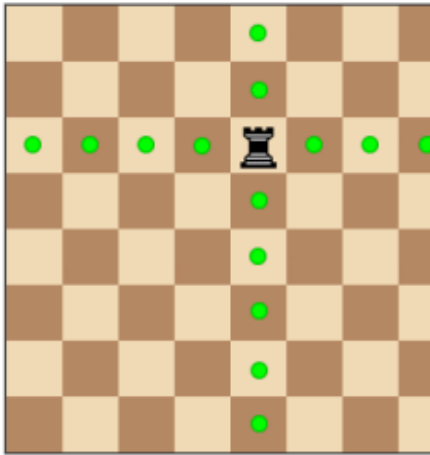
WORKFLOW



PROPOSED ALGORITHM CPV



ROOK

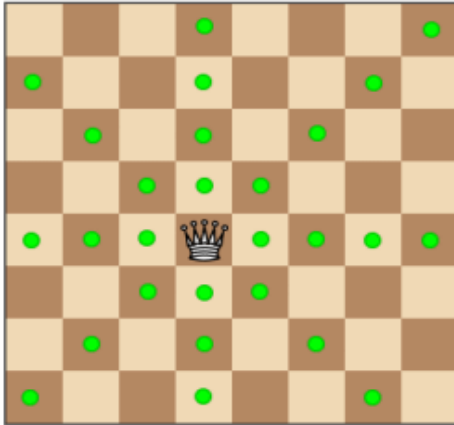


BISHOP



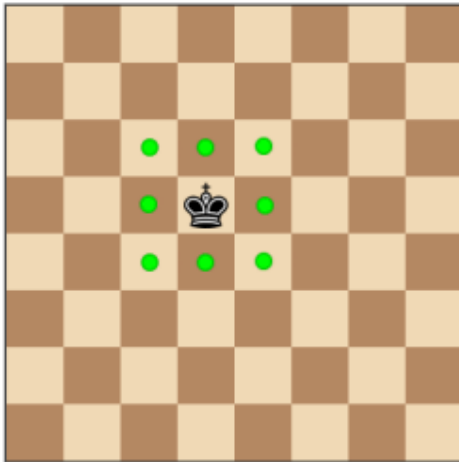
First rotate 45 deg and follow ROOK method

QUEEN



Queen includes both characteristic of both ROOK and BISHOP

KING



King -Higher order kernel methods .
This method is entirely different from previous Rook, bishop and queen method and Explained as follows