







Literature	Re۱	/iew			
Preprocessing	No.	Author	Part	Used Approaches	
	1	Vijay Kumar et al.	Preprocessing	Noise removal using Gaussian filter	
Segmentation	2	Chai et al.	Preprocessing	Noise removal using Laplacian filter	
	3	Aishweariya et al.	Segmentation	Edge detection and active contour modeling	
Feature Extraction	4	Smith et al.	Segmentation	Discrete wavelet transformation	
	5	Aishweariya et al.	Fracture Detection	Gray level Co-occurence matrix(GLCM)	
	6	Myint et al.	Fracture Detection	Hough Transformation	

eatur	res l	Description
Feature Names	Category	Description
Mean Hough Peak		Mean of peak values selected from Hough transformation.
Standard Deviation Hough Peak	Structural Features	Standard deviation of peak values selected from Hough transformation.
Contrast	Textural Features (GLCM)	Measure of the <i>intensity contrast</i> between a pixel and its neighbour over the whole image
Energy		Measure of <i>uniformity</i> in an image over a selected region
Homogeneity		Measure the <i>degree of closeness</i> between values in the grey-level co-occurrence matrix
Correlation		Measure of how <i>correlated</i> a pixel is to its neighbour over the whole image
		*Hough transformation is an algorithm used to detect certain shape















