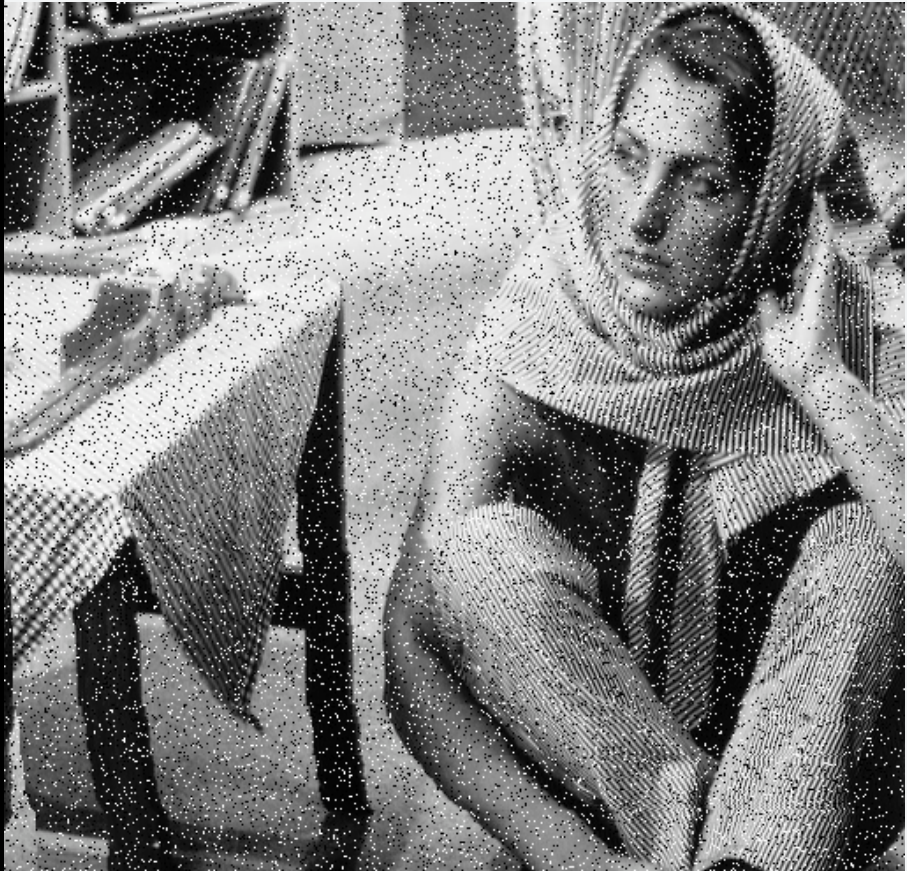







# **DIP**

## **ASSIGNMENT 2**







<div>5% distorted</div>			<div>2x2</div>	<div>22.317940</div> <div>65777939</div> <div>6</div>
<div>15% distorted</div>			<div>6x6</div>	<div>20.44064</div> <div>35735604</div> <div>54</div>




<div>20% distorted</div>			<div>6x6</div>	<div>20.258634 16835965 6</div>
<div>25% distorted</div>			<div>6x6</div>	<div>20.076708 72044977 6</div>



<div>Nearest Neighbour</div>	<div>17.4658021242816 94</div>	<div></div>
<div>Linear</div>	<div>20.3879625620364 8</div>	<div></div>

<b>Bicubic</b>	<b>21.125210351094207</b>	
<b>Hermite</b>	<b>17.959710190519182</b>	

<b>Lanczos</b>	<b>16.88034871222434</b> <b>3</b>	

## Resources Used

<https://theailearner.com/2018/12/29/image-processing-bicubic-interpolation/>

<https://www.intel.com/content/www/us/en/docs/ipp/developer-reference/2021-7/lanczos-interpolation.html>

