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raeisi@aut.ac.ir

eslami@aut.ac.ir

fariborz@aut.ac.ir

mansour@uiuc.edu

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<sup>1</sup>Haversian cortical bone

<sup>2</sup>Lamellae

<sup>3</sup>Secondary osteon

<sup>4</sup>Interstitial tissue

<sup>5</sup>Cement line

<sup>6</sup>Toughness

<sup>7</sup>Fatigue resistance

<sup>8</sup>Cement line

<sup>9</sup>debonding

<sup>10</sup>Osteon pull out Morphology

<sup>11</sup>Fiber-ceramic matrix composite material

<sup>12</sup>Linear Elastic Fracture Mechanics

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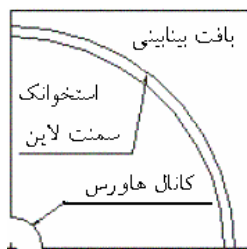
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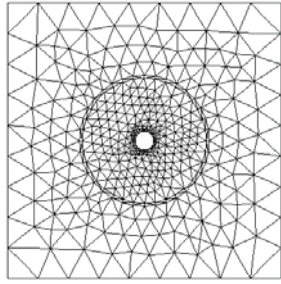


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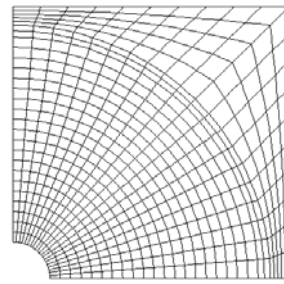


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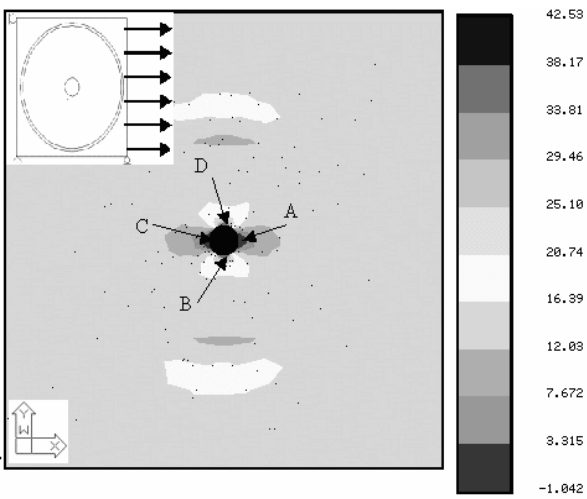


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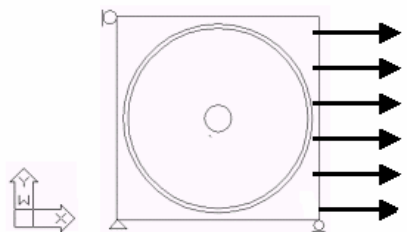
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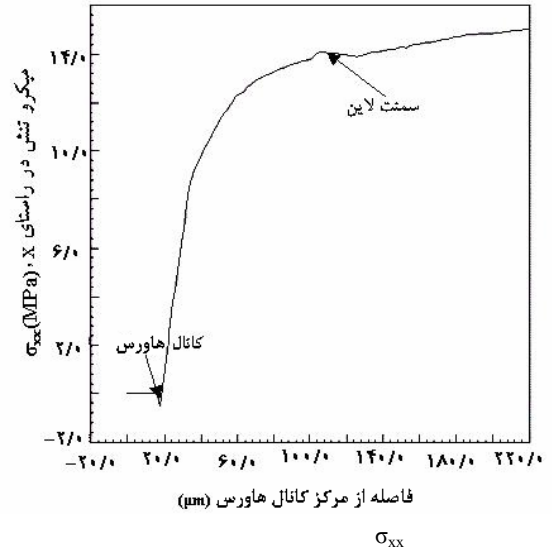
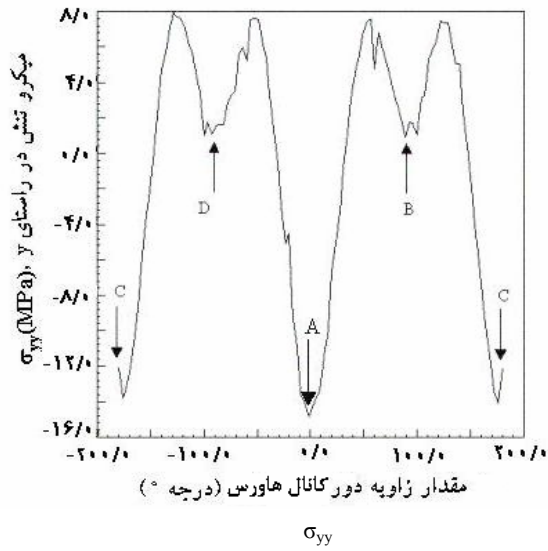
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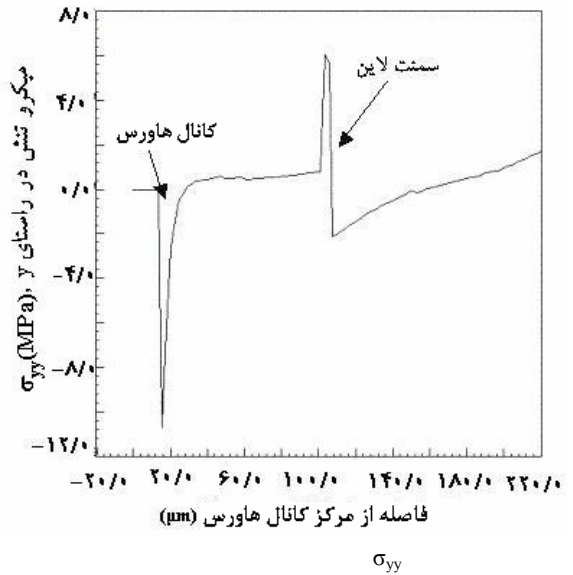


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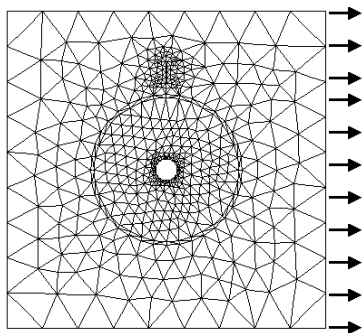
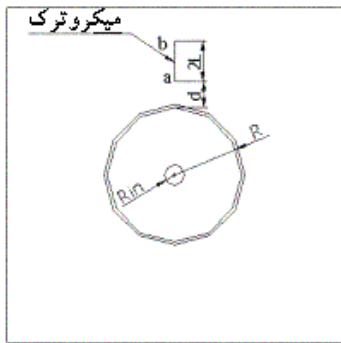
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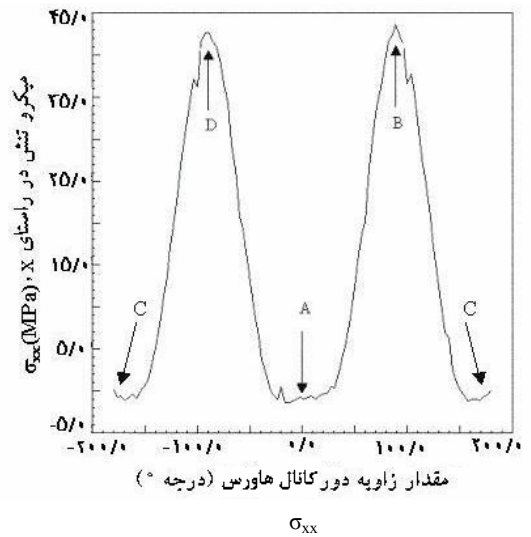


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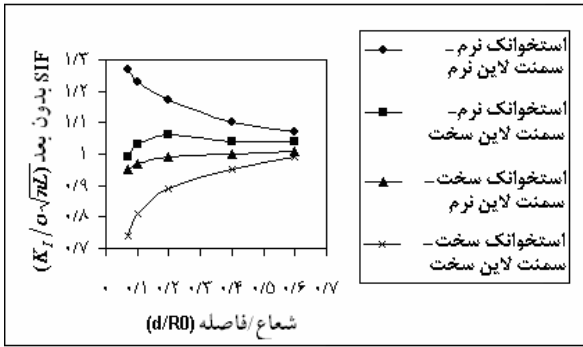


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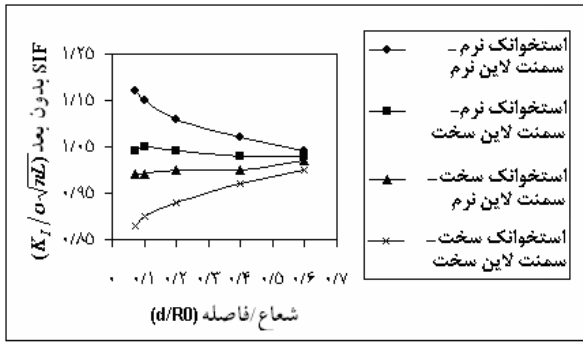


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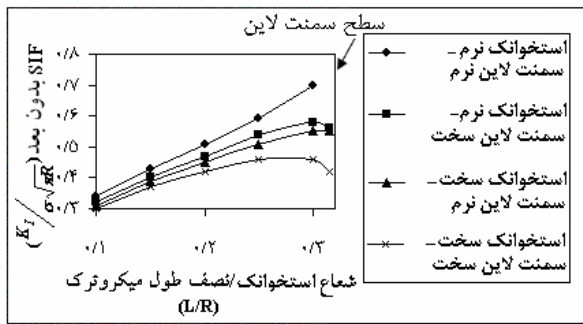
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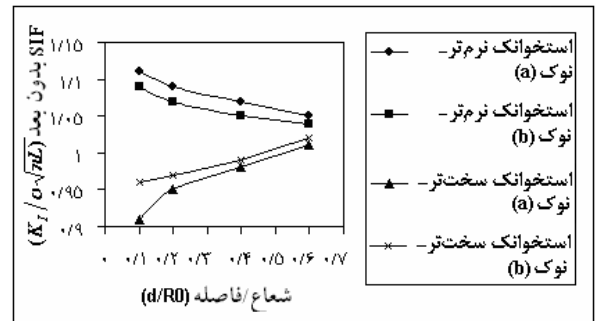
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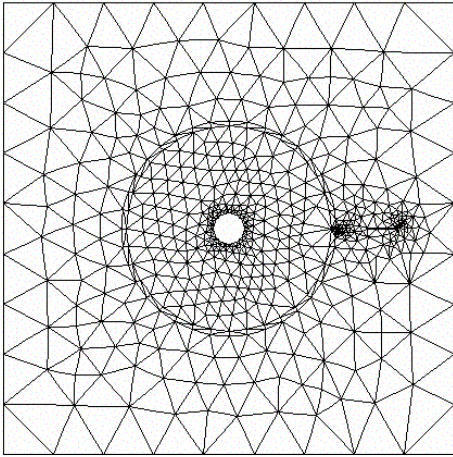
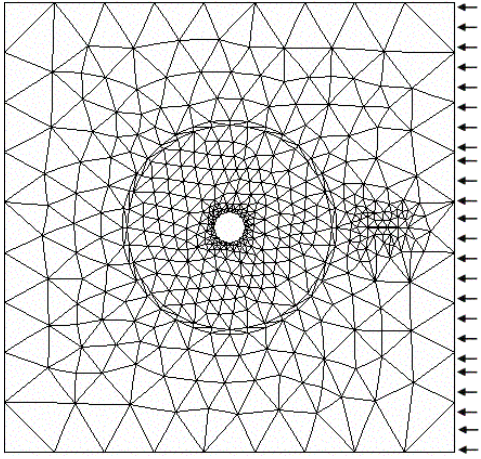
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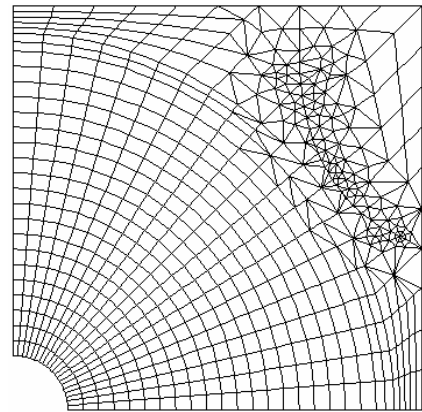
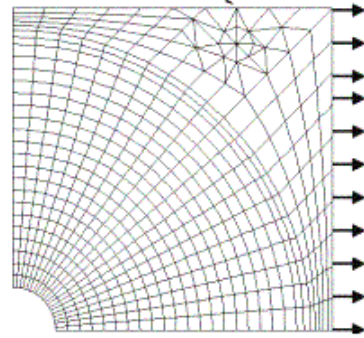
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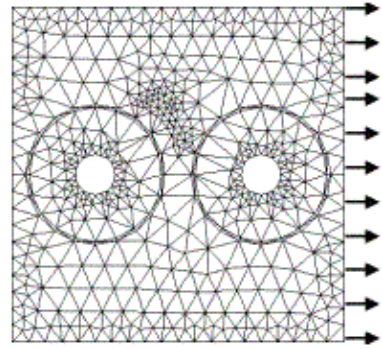
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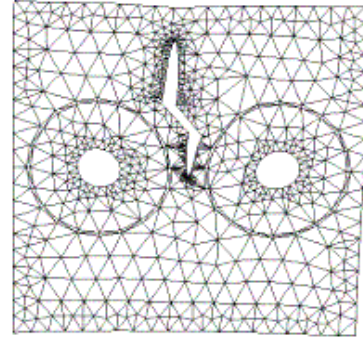
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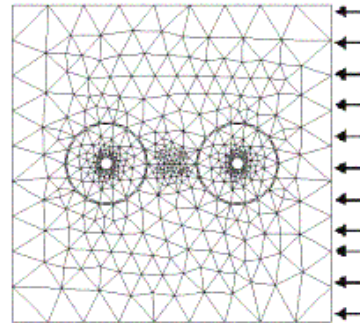
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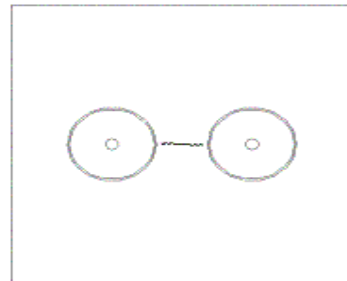
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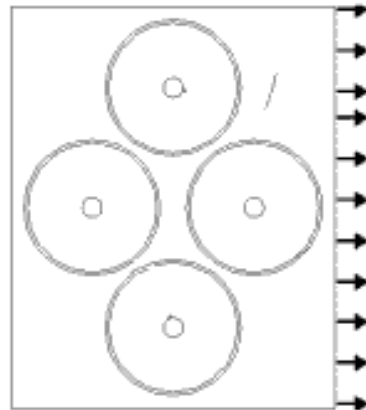
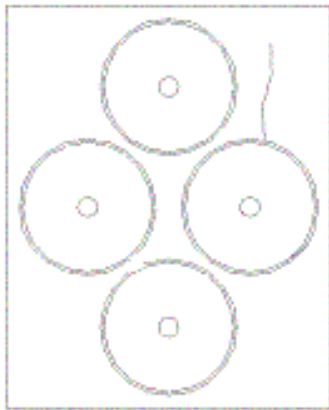
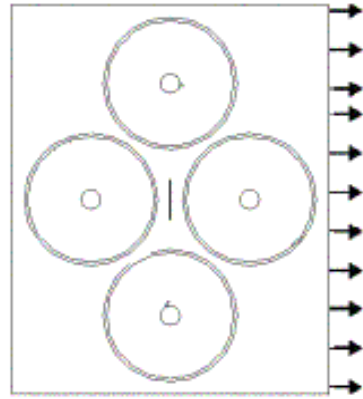
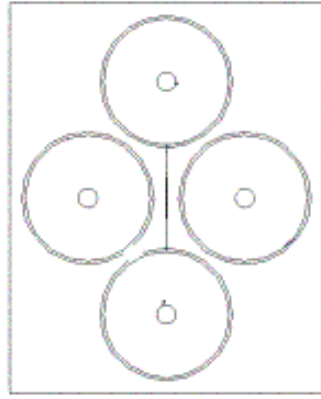


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