Abstract

Though many novel image steganographic techniques have been proposed in the recent years, PVD modulus method produces high quality stego images, when compared with other methods. But a significant drawback of PVD modulus method is low capacity. The hiding capacity is extremely low in PVD modulus method, when compared with other methods like
LSB, etc. The reason for the low hiding capacity is that, with PVD modulus method we divide the pixel blocks into smooth blocks where the pixel value difference is low and edge blocks where the pixel value difference is high. In this paper, we propose a technique, which is a combination of PVD modulus and LSB method. As per the experimental results hiding capacity increases enormously.

Reference

- Walton, S,Image authentication for a slippery new age, Dr. Dobbs J., 1995, 20, (4), pp. 18–26

Index Terms

Computer Science
Security

Key words
<table>
<thead>
<tr>
<th>Method</th>
<th>Steganography</th>
<th>LSB Method</th>
<th>PVD Modulus</th>
</tr>
</thead>
</table>