

Fig. 5 Four shares after three coding process.

The receivers have to submit these disordered share images to obtain the right secret images. The share Temp and share A are shown in Fig. 6. These shares do not give any clue about the secret.

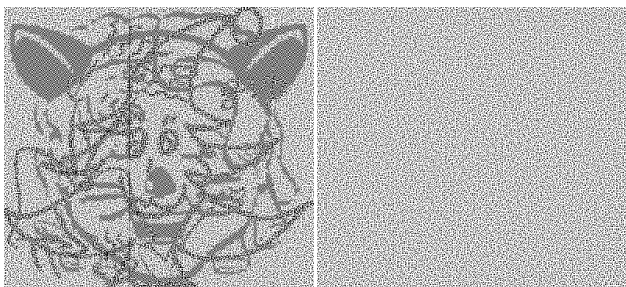


Fig. 6 Share Temp and Share A

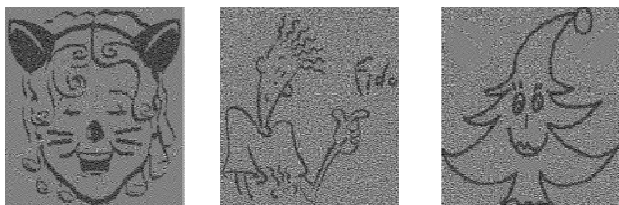


Fig. 7 3 Recovered Secrets.

The three secret intermediate images after decryption are shown in Fig. 7. These Recovered Secrets images are subjected to further processing to obtain the exact same original secret images. These processed results obtained are of the original size and clarity of the secret images.

VI. CONCLUSIONS

The original conventional (3, 3)-visual secret sharing scheme, is extended to (4, 4) secret sharing scheme. The clarity of the decrypted image has also been increased here. This work can be further extended to (n, n) secrets sharing and at the same time concentrated in decreasing the bandwidth requirement for (n, n) images transmission.

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