$$\text{per } Q(n,3) = 2 + \sum_{k=0}^{\left[\frac{n}{2}\right]} \binom{n-k}{k} + \sum_{k=0}^{\left[\frac{n-2}{2}\right]} \binom{n-k-2}{k} .$$

REFERENCES

1. Marvin Marcus and Henryk Minc, "Permanents," The American Mathematical Monthly, Vol. 72 (1965), No. 6, pp. 477-591.
2. Henryk Minc, "Permanents of (0,1)-Circulants," Canadian Mathematical Bulletin, Vol. 7 (1964), pp. 253-263.
3. Herbert J. Ryser, Combinatorial Mathematics, MAA Carus Monograph No. 14, J. Wiley and Sons, New York, 1963.
4. N. N. Vorob'ev, Fibonacci Numbers, Blaisdell Publishing Company, New York, 1961.

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SOLUTIONS TO PROBLEMS

1. $$T_{n+1} = 5T_n + 2T_{n-1} - 9T_{n-2} - 5T_{n-3} .$$

2. $$T_{n+1} = 5T_n - 4T_{n-1} - 9T_{n-2} + 7T_{n-3} + 6T_{n-4} .$$

3. $$T_{n+1} = 5T_n - 7T_{n-1} + 3T_{n-2} .$$

4. $$T_{n+4} = 4T_{n+3} - 2T_{n+2} - 5T_{n+1} + 2T_n .$$

5. $$T_{n+6} = 2T_{n+5} + 4T_{n+4} - 4T_{n+3} - 6T_{n+2} + T_n .$$

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