

$$\mathcal{J}_5 = X \text{ [Diagram 1]} + X^2 \text{ [Diagram 2]} + X^3 \text{ [Diagram 3]} + X^3 \text{ [Diagram 4]} + X \text{ [Diagram 5]} + X^2 \text{ [Diagram 6]} + X^4 \text{ [Diagram 7]} + X^3 \text{ [Diagram 8]} + X^2 \text{ [Diagram 9]} + X^2 \text{ [Diagram 10]} + \text{ [Diagram 11]}$$

$$\mathcal{J}_5^2 = (X^2 + X^4) \text{ [Diagram 12]} + X^4 \text{ [Diagram 13]} + X^2 \text{ [Diagram 14]} + X^3 \text{ [Diagram 15]} + \text{ [Diagram 16]} + X \text{ [Diagram 17]} + (X^3 + X^5) \text{ [Diagram 18]} + X \text{ [Diagram 19]} + X^2 \text{ [Diagram 20]} + X^3 \text{ [Diagram 21]} + X^2 \text{ [Diagram 22]}$$