

$1. \sum_{n=1}^{\infty} \frac{-1^n \cdot x^{2n+1}}{n!(2n+1)}$ $4. \sum_{n=1}^{\infty} \frac{-1^n}{(n+1)!^2 (4n+1)} \cdot \frac{x^{2(n+1)}}{2}$ $7. \sum_{n=1}^{\infty} \frac{-1^{n+1} \cdot x^{2n+1}}{(2n-1)(2n+1)!}$ $10. \sum_{n=1}^{\infty} \frac{-1^{n+1} \cdot x^{n+1}}{(2n-1)(n+1)!}$ $13. \sum_{n=1}^{\infty} \frac{-1^{n+1} \cdot x^{n+1}}{(n+1)(n+2)!}$ $16. \sum_{n=1}^{\infty} \frac{-1^n x^{n+1}}{(2n)!(4n+1)}$ $19. \sum_{n=1}^{\infty} \frac{-1^n \cdot x^{4n+3}}{(2n)!(4n+1)}$ $22. \sum_{n=1}^{\infty} \frac{-1^{n+1}}{(2n)!} \cdot \frac{x^{3n+2}}{n}$ $25. \sum_{n=1}^{\infty} \frac{x^{3n+1}}{(2n+1)!(2n+2)}$ $28. \sum_{n=1}^{\infty} \frac{-1^n \cdot x^{4n+3}}{(2n)(2n+1)!}$	$2. \sum_{n=1}^{\infty} \frac{-1^n \cdot x^{4n+3}}{(4n+3)(2n+1)!}$ $5. \sum_{n=1}^{\infty} \frac{-1^n}{n!(n+1)!} \cdot \frac{x^{2n+1}}{2}$ $8. \sum_{n=1}^{\infty} \frac{x^{2n}}{2^n \cdot n!}$ $11. \sum_{n=1}^{\infty} \frac{-1^{n+1}}{(2n+1)!} \cdot \frac{x^{4n+2}}{n}$ $14. \sum_{n=1}^{\infty} \frac{-1^n x^{n+1}}{(2n)!2n}$ $17. \sum_{n=1}^{\infty} \frac{-1^n \cdot 2x^{n+1}}{(n+1)!}$ $20. \sum_{n=1}^{\infty} \frac{-1^n \cdot x^{4n+3}}{(n+1)!(4n+3)}$ $23. \sum_{n=1}^{\infty} \frac{-1^n x^{n+1}}{(2n+1)!(2n+1)}$ $26. \sum_{n=1}^{\infty} \frac{-1^n}{n(n+2)!} \cdot \frac{x^{n+2}}{2}$ $29. \sum_{n=1}^{\infty} \frac{-1^n \cdot x^{2n+3}}{(2n)(n+1)!}$	$3. \sum_{n=1}^{\infty} \frac{-1^n \cdot x^{4n+3}}{(2n)!(4n+1)}$ $6. \sum_{n=1}^{\infty} \frac{-1^n}{(2n)!} \cdot \frac{x^{4n}}{3}$ $9. \sum_{n=1}^{\infty} \frac{-1^n}{n!(n+3)!} \cdot \frac{x^{3+2n}}{2}$ $12. \sum_{n=1}^{\infty} \frac{-x^{2n}}{(2n)!(n+1)}$ $15. \sum_{n=1}^{\infty} \frac{-x^{2n}}{(2n+1)!(n+1)}$ $18. \sum_{n=1}^{\infty} \frac{-1^n \cdot x^{2n+1}}{n!(2n+1)}$ $21. \sum_{n=1}^{\infty} \frac{-1^n}{(n+1)!(4n+1)} \cdot \frac{x^{2(n+1)}}{2}$ $24. \sum_{n=1}^{\infty} \frac{-1^n}{n!(n+2)!} \cdot \frac{x^{n+2}}{2}$ $27. \sum_{n=1}^{\infty} \frac{-1^n}{n(2n+2)!} \cdot \frac{x^{n+2}}{2}$
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