

Table 1: Order conditions from 1 to 7

VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T \mathbf{u} = 1$	1. $\mathbf{b}^T \mathbf{u} = 1$	1. $\mathbf{b}^T \mathbf{u} = 1$
$\mathbf{b}^T E \mathbf{u} = 1$		2. $\mathbf{b}^T D \mathbf{u} = 1$
$\mathbf{b}^T C \mathbf{u} = \frac{1}{2}$	2. $\mathbf{b}^T C \mathbf{u} = \frac{1}{2}$	3. $\mathbf{b}^T C \mathbf{u} = \frac{1}{2}$
$\mathbf{b}^T E^2 \mathbf{u} = 1$		4. $\mathbf{b}^T D^2 \mathbf{u} = 1$
$\mathbf{b}^T A \circ D \mathbf{u} = \frac{1}{3}$		5. $\mathbf{b}^T A D \mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T A C \mathbf{u} = \frac{1}{6}$	3. $\mathbf{b}^T A C \mathbf{u} = \frac{1}{6}$	6. $\mathbf{b}^T A C \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^2 \mathbf{u} = \frac{1}{3}$	4. $\mathbf{b}^T C^2 \mathbf{u} = \frac{1}{3}$	7. $\mathbf{b}^T C^2 \mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T C E \mathbf{u} = \frac{1}{2}$		8. $\mathbf{b}^T C D \mathbf{u} = \frac{1}{2}$
$\mathbf{b}^T E^3 \mathbf{u} = 1$		9. $\mathbf{b}^T D^3 \mathbf{u} = 1$
$\mathbf{b}^T A \circ D^2 \mathbf{u} = \frac{1}{4}$		10. $\mathbf{b}^T A D^2 \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T A A \circ D \mathbf{u} = \frac{1}{12}$		11. $\mathbf{b}^T A A D \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T A A C \mathbf{u} = \frac{1}{24}$	5. $\mathbf{b}^T A A C \mathbf{u} = \frac{1}{24}$	12. $\mathbf{b}^T A A C \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T A C^2 \mathbf{u} = \frac{1}{12}$	6. $\mathbf{b}^T A C^2 \mathbf{u} = \frac{1}{12}$	13. $\mathbf{b}^T A C^2 \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T A \circ D C \mathbf{u} = \frac{1}{8}$		14. $\mathbf{b}^T A C D \mathbf{u} = \frac{1}{8}$
$\mathbf{b}^T C A \circ D \mathbf{u} = \frac{1}{4}$		15. $\mathbf{b}^T C A D \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T C A C \mathbf{u} = \frac{1}{8}$	7. $\mathbf{b}^T C A C \mathbf{u} = \frac{1}{8}$	16. $\mathbf{b}^T C A C \mathbf{u} = \frac{1}{8}$
$\mathbf{b}^T C^3 \mathbf{u} = \frac{1}{4}$	8. $\mathbf{b}^T C^3 \mathbf{u} = \frac{1}{4}$	17. $\mathbf{b}^T C^3 \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T E A \circ D \mathbf{u} = \frac{1}{3}$		18. $\mathbf{b}^T D A D \mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T E A C \mathbf{u} = \frac{1}{6}$		19. $\mathbf{b}^T D A C \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^2 E \mathbf{u} = \frac{1}{3}$		20. $\mathbf{b}^T C^2 D \mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T C E^2 \mathbf{u} = \frac{1}{2}$		21. $\mathbf{b}^T C D^2 \mathbf{u} = \frac{1}{2}$
$\mathbf{b}^T E^4 \mathbf{u} = 1$		22. $\mathbf{b}^T D^4 \mathbf{u} = 1$
$\mathbf{b}^T A \circ D^3 \mathbf{u} = \frac{1}{5}$		23. $\mathbf{b}^T A D^3 \mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T A A \circ D^2 \mathbf{u} = \frac{1}{20}$		24. $\mathbf{b}^T A A D^2 \mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T A A A \circ D \mathbf{u} = \frac{1}{60}$		25. $\mathbf{b}^T A A A D \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T A A A C \mathbf{u} = \frac{1}{120}$	9. $\mathbf{b}^T A A A C \mathbf{u} = \frac{1}{120}$	26. $\mathbf{b}^T A A A C \mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T A A C^2 \mathbf{u} = \frac{1}{60}$	10. $\mathbf{b}^T A A C^2 \mathbf{u} = \frac{1}{60}$	27. $\mathbf{b}^T A A C^2 \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T A A \circ D C \mathbf{u} = \frac{1}{40}$		28. $\mathbf{b}^T A A C D \mathbf{u} = \frac{1}{40}$
$\mathbf{b}^T A C A \circ D \mathbf{u} = \frac{1}{20}$		29. $\mathbf{b}^T A C A D \mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T A C A C \mathbf{u} = \frac{1}{40}$	11. $\mathbf{b}^T A C A C \mathbf{u} = \frac{1}{40}$	30. $\mathbf{b}^T A C A C \mathbf{u} = \frac{1}{40}$
$\mathbf{b}^T A C^3 \mathbf{u} = \frac{1}{20}$	12. $\mathbf{b}^T A C^3 \mathbf{u} = \frac{1}{20}$	31. $\mathbf{b}^T A C^3 \mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T A \circ D A \circ D \mathbf{u} = \frac{1}{15}$		32. $\mathbf{b}^T A D A D \mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T A \circ D A C \mathbf{u} = \frac{1}{30}$		33. $\mathbf{b}^T A D A C \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T A \circ D C^2 \mathbf{u} = \frac{1}{15}$		34. $\mathbf{b}^T A C^2 D \mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T A \circ D^2 C \mathbf{u} = \frac{1}{10}$		35. $\mathbf{b}^T A C D^2 \mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T C A \circ D^2 \mathbf{u} = \frac{1}{5}$		36. $\mathbf{b}^T C A D^2 \mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T C A A \circ D \mathbf{u} = \frac{1}{15}$		37. $\mathbf{b}^T C A A D \mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T C A A C \mathbf{u} = \frac{1}{30}$	13. $\mathbf{b}^T C A A C \mathbf{u} = \frac{1}{30}$	38. $\mathbf{b}^T C A A C \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T C A C^2 \mathbf{u} = \frac{1}{15}$	14. $\mathbf{b}^T C A C^2 \mathbf{u} = \frac{1}{15}$	39. $\mathbf{b}^T C A C^2 \mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T C A \circ D C \mathbf{u} = \frac{1}{10}$		40. $\mathbf{b}^T C A C D \mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{5}$		41. $\mathbf{b}^T (A D \mathbf{u}) \circ (A D \mathbf{u}) = \frac{1}{5}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{10}$		42. $\mathbf{b}^T (A D \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{10}$
$\mathbf{b}^T (A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{20}$	15. $\mathbf{b}^T (A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{20}$	43. $\mathbf{b}^T (A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{20}$
$\mathbf{b}^T C^2 A \circ D \mathbf{u} = \frac{1}{5}$		44. $\mathbf{b}^T C^2 A D \mathbf{u} = \frac{1}{5}$

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VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T C^2 A C \mathbf{u} = \frac{1}{10}$	16. $\mathbf{b}^T C^2 A C \mathbf{u} = \frac{1}{10}$	45. $\mathbf{b}^T C^2 A C \mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T C^4 \mathbf{u} = \frac{1}{5}$	17. $\mathbf{b}^T C^4 \mathbf{u} = \frac{1}{5}$	46. $\mathbf{b}^T C^4 \mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T E A \circ D^2 \mathbf{u} = \frac{1}{4}$		47. $\mathbf{b}^T D A D^2 \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T E A A \circ D \mathbf{u} = \frac{1}{12}$		48. $\mathbf{b}^T D A A D \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T E A A C \mathbf{u} = \frac{1}{24}$		49. $\mathbf{b}^T D A A C \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T E A C^2 \mathbf{u} = \frac{1}{12}$		50. $\mathbf{b}^T D A C^2 \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T E A \circ D C \mathbf{u} = \frac{1}{8}$		51. $\mathbf{b}^T D A C D \mathbf{u} = \frac{1}{8}$
$\mathbf{b}^T C E A \circ D \mathbf{u} = \frac{1}{4}$		52. $\mathbf{b}^T C D A D \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T C E A C \mathbf{u} = \frac{1}{8}$		53. $\mathbf{b}^T C D A C \mathbf{u} = \frac{1}{8}$
$\mathbf{b}^T C^3 E \mathbf{u} = \frac{1}{4}$		54. $\mathbf{b}^T C^3 D \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T E^2 A \circ D \mathbf{u} = \frac{1}{3}$		55. $\mathbf{b}^T D^2 A D \mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T E^2 A C \mathbf{u} = \frac{1}{6}$		56. $\mathbf{b}^T D^2 A C \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^2 E^2 \mathbf{u} = \frac{1}{3}$		57. $\mathbf{b}^T C^2 D^2 \mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T C E^3 \mathbf{u} = \frac{1}{2}$		58. $\mathbf{b}^T C D^3 \mathbf{u} = \frac{1}{2}$
$\mathbf{b}^T E^5 \mathbf{u} = 1$		59. $\mathbf{b}^T D^5 \mathbf{u} = 1$
$\mathbf{b}^T A \circ D^4 \mathbf{u} = \frac{1}{6}$		60. $\mathbf{b}^T A D^4 \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T A A \circ D^3 \mathbf{u} = \frac{1}{30}$		61. $\mathbf{b}^T A A D^3 \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T A A A \circ D^2 \mathbf{u} = \frac{1}{120}$		62. $\mathbf{b}^T A A A D^2 \mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T A A A A \circ D \mathbf{u} = \frac{1}{360}$		63. $\mathbf{b}^T A A A A D \mathbf{u} = \frac{1}{360}$
$\mathbf{b}^T A A A A C \mathbf{u} = \frac{1}{720}$	18. $\mathbf{b}^T A A A A C \mathbf{u} = \frac{1}{720}$	64. $\mathbf{b}^T A A A A C \mathbf{u} = \frac{1}{720}$
$\mathbf{b}^T A A A C^2 \mathbf{u} = \frac{1}{360}$	19. $\mathbf{b}^T A A A C^2 \mathbf{u} = \frac{1}{360}$	65. $\mathbf{b}^T A A A C^2 \mathbf{u} = \frac{1}{360}$
$\mathbf{b}^T A A A \circ D C \mathbf{u} = \frac{1}{240}$		66. $\mathbf{b}^T A A A C D \mathbf{u} = \frac{1}{240}$
$\mathbf{b}^T A A C A \circ D \mathbf{u} = \frac{1}{120}$		67. $\mathbf{b}^T A A C A D \mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T A A C A C \mathbf{u} = \frac{1}{240}$	20. $\mathbf{b}^T A A C A C \mathbf{u} = \frac{1}{240}$	68. $\mathbf{b}^T A A C A C \mathbf{u} = \frac{1}{240}$
$\mathbf{b}^T A A C^3 \mathbf{u} = \frac{1}{120}$	21. $\mathbf{b}^T A A C^3 \mathbf{u} = \frac{1}{120}$	69. $\mathbf{b}^T A A C^3 \mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T A A \circ D A \circ D \mathbf{u} = \frac{1}{90}$		70. $\mathbf{b}^T A A D A D \mathbf{u} = \frac{1}{90}$
$\mathbf{b}^T A A \circ D A C \mathbf{u} = \frac{1}{180}$		71. $\mathbf{b}^T A A D A C \mathbf{u} = \frac{1}{180}$
$\mathbf{b}^T A A \circ D C^2 \mathbf{u} = \frac{1}{90}$		72. $\mathbf{b}^T A A C^2 D \mathbf{u} = \frac{1}{90}$
$\mathbf{b}^T A A \circ D^2 C \mathbf{u} = \frac{1}{60}$		73. $\mathbf{b}^T A A C D^2 \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T A C A \circ D^2 \mathbf{u} = \frac{1}{30}$		74. $\mathbf{b}^T A C A D^2 \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T A C A A \circ D \mathbf{u} = \frac{1}{90}$		75. $\mathbf{b}^T A C A A D \mathbf{u} = \frac{1}{90}$
$\mathbf{b}^T A C A A C \mathbf{u} = \frac{1}{180}$	22. $\mathbf{b}^T A C A A C \mathbf{u} = \frac{1}{180}$	76. $\mathbf{b}^T A C A A C \mathbf{u} = \frac{1}{180}$
$\mathbf{b}^T A C A C^2 \mathbf{u} = \frac{1}{90}$	23. $\mathbf{b}^T A C A C^2 \mathbf{u} = \frac{1}{90}$	77. $\mathbf{b}^T A C A C^2 \mathbf{u} = \frac{1}{90}$
$\mathbf{b}^T A C A \circ D C \mathbf{u} = \frac{1}{60}$		78. $\mathbf{b}^T A C A C D \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T A(A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{30}$		79. $\mathbf{b}^T A(A D \mathbf{u}) \circ (A D \mathbf{u}) = \frac{1}{30}$
$\mathbf{b}^T A(A \circ D \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{60}$		80. $\mathbf{b}^T A(A D \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{60}$
$\mathbf{b}^T A(A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{120}$	24. $\mathbf{b}^T A(A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{120}$	81. $\mathbf{b}^T A(A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{120}$
$\mathbf{b}^T A C^2 A \circ D \mathbf{u} = \frac{1}{30}$		82. $\mathbf{b}^T A C^2 A D \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T A C^2 A C \mathbf{u} = \frac{1}{60}$	25. $\mathbf{b}^T A C^2 A C \mathbf{u} = \frac{1}{60}$	83. $\mathbf{b}^T A C^2 A C \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T A C^4 \mathbf{u} = \frac{1}{30}$	26. $\mathbf{b}^T A C^4 \mathbf{u} = \frac{1}{30}$	84. $\mathbf{b}^T A C^4 \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T A \circ D A \circ D^2 \mathbf{u} = \frac{1}{24}$		85. $\mathbf{b}^T A D A D^2 \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T A \circ D A A \circ D \mathbf{u} = \frac{1}{72}$		86. $\mathbf{b}^T A D A A D \mathbf{u} = \frac{1}{72}$
$\mathbf{b}^T A \circ D A A C \mathbf{u} = \frac{1}{144}$		87. $\mathbf{b}^T A D A A C \mathbf{u} = \frac{1}{144}$
$\mathbf{b}^T A \circ D A C^2 \mathbf{u} = \frac{1}{72}$		88. $\mathbf{b}^T A D A C^2 \mathbf{u} = \frac{1}{72}$
$\mathbf{b}^T A \circ D A \circ D C \mathbf{u} = \frac{1}{48}$		89. $\mathbf{b}^T A D A C D \mathbf{u} = \frac{1}{48}$
$\mathbf{b}^T A \circ D C A \circ D \mathbf{u} = \frac{1}{24}$		90. $\mathbf{b}^T A C D A D \mathbf{u} = \frac{1}{24}$

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Table 1 – Continued from previous page

VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T A \circ D C A C \mathbf{u} = \frac{1}{48}$		91. $\mathbf{b}^T A C D A C \mathbf{u} = \frac{1}{48}$
$\mathbf{b}^T A \circ D C^3 \mathbf{u} = \frac{1}{24}$		92. $\mathbf{b}^T A C^3 D \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T A \circ D^2 A \circ D \mathbf{u} = \frac{1}{18}$		93. $\mathbf{b}^T A D^2 A D \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T A \circ D^2 A C \mathbf{u} = \frac{1}{36}$		94. $\mathbf{b}^T A D^2 A C \mathbf{u} = \frac{1}{36}$
$\mathbf{b}^T A \circ D^2 C^2 \mathbf{u} = \frac{1}{18}$		95. $\mathbf{b}^T A C^2 D^2 \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T A \circ D^3 C \mathbf{u} = \frac{1}{12}$		96. $\mathbf{b}^T A C D^3 \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T C A \circ D^3 \mathbf{u} = \frac{1}{6}$		97. $\mathbf{b}^T C A D^3 \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C A A \circ D^2 \mathbf{u} = \frac{1}{24}$		98. $\mathbf{b}^T C A A D^2 \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T C A A A \circ D \mathbf{u} = \frac{1}{72}$		99. $\mathbf{b}^T C A A A D \mathbf{u} = \frac{1}{72}$
$\mathbf{b}^T C A A A C \mathbf{u} = \frac{1}{144}$	27. $\mathbf{b}^T C A A A C \mathbf{u} = \frac{1}{144}$	100. $\mathbf{b}^T C A A A C \mathbf{u} = \frac{1}{144}$
$\mathbf{b}^T C A A C^2 \mathbf{u} = \frac{1}{72}$	28. $\mathbf{b}^T C A A C^2 \mathbf{u} = \frac{1}{72}$	101. $\mathbf{b}^T C A A C^2 \mathbf{u} = \frac{1}{72}$
$\mathbf{b}^T C A A \circ D C \mathbf{u} = \frac{1}{48}$		102. $\mathbf{b}^T C A A C D \mathbf{u} = \frac{1}{48}$
$\mathbf{b}^T C A C A \circ D \mathbf{u} = \frac{1}{24}$		103. $\mathbf{b}^T C A C A D \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T C A C A C \mathbf{u} = \frac{1}{48}$	29. $\mathbf{b}^T C A C A C \mathbf{u} = \frac{1}{48}$	104. $\mathbf{b}^T C A C A C \mathbf{u} = \frac{1}{48}$
$\mathbf{b}^T C A C^3 \mathbf{u} = \frac{1}{24}$	30. $\mathbf{b}^T C A C^3 \mathbf{u} = \frac{1}{24}$	105. $\mathbf{b}^T C A C^3 \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T C A \circ D A \circ D \mathbf{u} = \frac{1}{18}$		106. $\mathbf{b}^T C A D A D \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T C A \circ D A C \mathbf{u} = \frac{1}{36}$		107. $\mathbf{b}^T C A D A C \mathbf{u} = \frac{1}{36}$
$\mathbf{b}^T C A \circ D C^2 \mathbf{u} = \frac{1}{18}$		108. $\mathbf{b}^T C A C^2 D \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T C A \circ D^2 C \mathbf{u} = \frac{1}{12}$		109. $\mathbf{b}^T C A C D^2 \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A \circ D^2 \mathbf{u}) = \frac{1}{6}$		110. $\mathbf{b}^T (A D \mathbf{u}) \circ (A D^2 \mathbf{u}) = \frac{1}{6}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A A \circ D \mathbf{u}) = \frac{1}{18}$		111. $\mathbf{b}^T (A D \mathbf{u}) \circ (A A D \mathbf{u}) = \frac{1}{18}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{36}$		112. $\mathbf{b}^T (A D \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{36}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{18}$		113. $\mathbf{b}^T (A D \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{18}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A \circ D C \mathbf{u}) = \frac{1}{12}$		114. $\mathbf{b}^T (A D \mathbf{u}) \circ (A C D \mathbf{u}) = \frac{1}{12}$
$\mathbf{b}^T (A C \mathbf{u}) \circ (A \circ D^2 \mathbf{u}) = \frac{1}{12}$		115. $\mathbf{b}^T (A C \mathbf{u}) \circ (A D^2 \mathbf{u}) = \frac{1}{12}$
$\mathbf{b}^T (A C \mathbf{u}) \circ (A A \circ D \mathbf{u}) = \frac{1}{36}$		116. $\mathbf{b}^T (A C \mathbf{u}) \circ (A A D \mathbf{u}) = \frac{1}{36}$
$\mathbf{b}^T (A C \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{72}$	31. $\mathbf{b}^T (A C \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{72}$	117. $\mathbf{b}^T (A C \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{72}$
$\mathbf{b}^T (A C \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{36}$	32. $\mathbf{b}^T (A C \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{36}$	118. $\mathbf{b}^T (A C \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{36}$
$\mathbf{b}^T (A C \mathbf{u}) \circ (A \circ D C \mathbf{u}) = \frac{1}{24}$		119. $\mathbf{b}^T (A C \mathbf{u}) \circ (A C D \mathbf{u}) = \frac{1}{24}$
$\mathbf{b}^T C^2 A \circ D^2 \mathbf{u} = \frac{1}{6}$		120. $\mathbf{b}^T C^2 A D^2 \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^2 A A \circ D \mathbf{u} = \frac{1}{18}$		121. $\mathbf{b}^T C^2 A A D \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T C^2 A A C \mathbf{u} = \frac{1}{36}$	33. $\mathbf{b}^T C^2 A A C \mathbf{u} = \frac{1}{36}$	122. $\mathbf{b}^T C^2 A A C \mathbf{u} = \frac{1}{36}$
$\mathbf{b}^T C^2 A C^2 \mathbf{u} = \frac{1}{18}$	34. $\mathbf{b}^T C^2 A C^2 \mathbf{u} = \frac{1}{18}$	123. $\mathbf{b}^T C^2 A C^2 \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T C^2 A \circ D C \mathbf{u} = \frac{1}{12}$		124. $\mathbf{b}^T C^2 A C D \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T C (A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{6}$		125. $\mathbf{b}^T C (A D \mathbf{u}) \circ (A D \mathbf{u}) = \frac{1}{6}$
$\mathbf{b}^T C (A \circ D \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{12}$		126. $\mathbf{b}^T C (A D \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{12}$
$\mathbf{b}^T C (A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{24}$	35. $\mathbf{b}^T C (A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{24}$	127. $\mathbf{b}^T C (A C \mathbf{u}) \circ (A C \mathbf{u}) = \frac{1}{24}$
$\mathbf{b}^T C^3 A \circ D \mathbf{u} = \frac{1}{6}$		128. $\mathbf{b}^T C^3 A D \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^3 A C \mathbf{u} = \frac{1}{12}$	36. $\mathbf{b}^T C^3 A C \mathbf{u} = \frac{1}{12}$	129. $\mathbf{b}^T C^3 A C \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T C^5 \mathbf{u} = \frac{1}{6}$	37. $\mathbf{b}^T C^5 \mathbf{u} = \frac{1}{6}$	130. $\mathbf{b}^T C^5 \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T E A \circ D^3 \mathbf{u} = \frac{1}{5}$		131. $\mathbf{b}^T D A D^3 \mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T E A A \circ D^2 \mathbf{u} = \frac{1}{20}$		132. $\mathbf{b}^T D A A D^2 \mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T E A A A \circ D \mathbf{u} = \frac{1}{60}$		133. $\mathbf{b}^T D A A A D \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T E A A A C \mathbf{u} = \frac{1}{120}$		134. $\mathbf{b}^T D A A A C \mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T E A A C^2 \mathbf{u} = \frac{1}{60}$		135. $\mathbf{b}^T D A A C^2 \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T E A A \circ D C \mathbf{u} = \frac{1}{40}$		136. $\mathbf{b}^T D A A C D \mathbf{u} = \frac{1}{40}$

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Table 1 – Continued from previous page

VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T EAC A \circ D \mathbf{u} = \frac{1}{20}$		137. $\mathbf{b}^T DACAD \mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T EACAC \mathbf{u} = \frac{1}{40}$		138. $\mathbf{b}^T DACAC \mathbf{u} = \frac{1}{40}$
$\mathbf{b}^T EAC^3 \mathbf{u} = \frac{1}{20}$		139. $\mathbf{b}^T DAC^3 \mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T EA \circ DA \circ D \mathbf{u} = \frac{1}{15}$		140. $\mathbf{b}^T DADAD \mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T EA \circ DAC \mathbf{u} = \frac{1}{30}$		141. $\mathbf{b}^T DADAC \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T EA \circ DC^2 \mathbf{u} = \frac{1}{15}$		142. $\mathbf{b}^T DAC^2 D \mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T EA \circ D^2 C \mathbf{u} = \frac{1}{10}$		143. $\mathbf{b}^T DACD^2 \mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T CEA \circ D^2 \mathbf{u} = \frac{1}{5}$		144. $\mathbf{b}^T CDAD^2 \mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T CEAA \circ D \mathbf{u} = \frac{1}{15}$		145. $\mathbf{b}^T CDAAD \mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T CEAA C \mathbf{u} = \frac{1}{30}$		146. $\mathbf{b}^T CDAAC \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T CEAC^2 \mathbf{u} = \frac{1}{15}$		147. $\mathbf{b}^T CDAC^2 \mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T CEACD \mathbf{u} = \frac{1}{10}$		148. $\mathbf{b}^T CDACD \mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T E(A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{5}$		149. $\mathbf{b}^T D(AD \mathbf{u}) \circ (AD \mathbf{u}) = \frac{1}{5}$
$\mathbf{b}^T E(A \circ D \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{10}$		150. $\mathbf{b}^T D(AD \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{10}$
$\mathbf{b}^T E(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{20}$		151. $\mathbf{b}^T D(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{20}$
$\mathbf{b}^T C^2 EA \circ D \mathbf{u} = \frac{1}{5}$		152. $\mathbf{b}^T C^2 DAD \mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T C^2 EAC \mathbf{u} = \frac{1}{10}$		153. $\mathbf{b}^T C^2 DAC \mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T C^4 E \mathbf{u} = \frac{1}{5}$		154. $\mathbf{b}^T C^4 D \mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T E^2 A \circ D^2 \mathbf{u} = \frac{1}{4}$		155. $\mathbf{b}^T D^2 AD^2 \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T E^2 AA \circ D \mathbf{u} = \frac{1}{12}$		156. $\mathbf{b}^T D^2 AAD \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T E^2 AAC \mathbf{u} = \frac{1}{24}$		157. $\mathbf{b}^T D^2 AAC \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T E^2 AC^2 \mathbf{u} = \frac{1}{12}$		158. $\mathbf{b}^T D^2 AC^2 \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T E^2 A \circ DC \mathbf{u} = \frac{1}{8}$		159. $\mathbf{b}^T D^2 ACD \mathbf{u} = \frac{1}{8}$
$\mathbf{b}^T CE^2 A \circ D \mathbf{u} = \frac{1}{4}$		160. $\mathbf{b}^T CD^2 AD \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T CE^2 AC \mathbf{u} = \frac{1}{8}$		161. $\mathbf{b}^T CD^2 AC \mathbf{u} = \frac{1}{8}$
$\mathbf{b}^T C^3 E^2 \mathbf{u} = \frac{1}{4}$		162. $\mathbf{b}^T C^3 D^2 \mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T E^3 A \circ D \mathbf{u} = \frac{1}{3}$		163. $\mathbf{b}^T D^3 AD \mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T E^3 AC \mathbf{u} = \frac{1}{6}$		164. $\mathbf{b}^T D^3 AC \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^2 E^3 \mathbf{u} = \frac{1}{3}$		165. $\mathbf{b}^T C^2 D^3 \mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T CE^4 \mathbf{u} = \frac{1}{2}$		166. $\mathbf{b}^T CD^4 \mathbf{u} = \frac{1}{2}$
$\mathbf{b}^T E^6 \mathbf{u} = 1$		167. $\mathbf{b}^T D^6 \mathbf{u} = 1$
$\mathbf{b}^T A \circ D^5 \mathbf{u} = \frac{1}{7}$		168. $\mathbf{b}^T AD^5 \mathbf{u} = \frac{1}{7}$
$\mathbf{b}^T AA \circ D^4 \mathbf{u} = \frac{1}{42}$		169. $\mathbf{b}^T AAD^4 \mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T AAA \circ D^3 \mathbf{u} = \frac{1}{210}$		170. $\mathbf{b}^T AAAAD^3 \mathbf{u} = \frac{1}{210}$
$\mathbf{b}^T AAAA \circ D^2 \mathbf{u} = \frac{1}{840}$		171. $\mathbf{b}^T AAAAAD^2 \mathbf{u} = \frac{1}{840}$
$\mathbf{b}^T AAAAA \circ D \mathbf{u} = \frac{1}{2520}$		172. $\mathbf{b}^T AAAAAAD \mathbf{u} = \frac{1}{2520}$
$\mathbf{b}^T AAAAA C \mathbf{u} = \frac{1}{5040}$	38. $\mathbf{b}^T AAAAA C \mathbf{u} = \frac{1}{5040}$	173. $\mathbf{b}^T AAAAA C \mathbf{u} = \frac{1}{5040}$
$\mathbf{b}^T AAAAC^2 \mathbf{u} = \frac{1}{2520}$	39. $\mathbf{b}^T AAAAC^2 \mathbf{u} = \frac{1}{2520}$	174. $\mathbf{b}^T AAAAC^2 \mathbf{u} = \frac{1}{2520}$
$\mathbf{b}^T AAAA \circ DC \mathbf{u} = \frac{1}{1680}$		175. $\mathbf{b}^T AAAACD \mathbf{u} = \frac{1}{1680}$
$\mathbf{b}^T AAACA \circ D \mathbf{u} = \frac{1}{840}$		176. $\mathbf{b}^T AAACAD \mathbf{u} = \frac{1}{840}$
$\mathbf{b}^T AAACAC \mathbf{u} = \frac{1}{1680}$	40. $\mathbf{b}^T AAACAC \mathbf{u} = \frac{1}{1680}$	177. $\mathbf{b}^T AAACAC \mathbf{u} = \frac{1}{1680}$
$\mathbf{b}^T AAAC^3 \mathbf{u} = \frac{1}{840}$	41. $\mathbf{b}^T AAAC^3 \mathbf{u} = \frac{1}{840}$	178. $\mathbf{b}^T AAAC^3 \mathbf{u} = \frac{1}{840}$
$\mathbf{b}^T AAA \circ DA \circ D \mathbf{u} = \frac{1}{630}$		179. $\mathbf{b}^T AAADAD \mathbf{u} = \frac{1}{630}$
$\mathbf{b}^T AAA \circ DAC \mathbf{u} = \frac{1}{1260}$		180. $\mathbf{b}^T AAADAC \mathbf{u} = \frac{1}{1260}$
$\mathbf{b}^T AAA \circ DC^2 \mathbf{u} = \frac{1}{630}$		181. $\mathbf{b}^T AAAC^2 D \mathbf{u} = \frac{1}{630}$
$\mathbf{b}^T AAA \circ D^2 C \mathbf{u} = \frac{1}{420}$		182. $\mathbf{b}^T AAACD^2 \mathbf{u} = \frac{1}{420}$

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VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T \text{AACAA} \circ D^2 \mathbf{u} = \frac{1}{210}$		183. $\mathbf{b}^T \text{AACAD}^2 \mathbf{u} = \frac{1}{210}$
$\mathbf{b}^T \text{AACAA} \circ D \mathbf{u} = \frac{1}{630}$		184. $\mathbf{b}^T \text{AACAAD} \mathbf{u} = \frac{1}{630}$
$\mathbf{b}^T \text{AACAA} C \mathbf{u} = \frac{1}{1260}$	42. $\mathbf{b}^T \text{AACAA} C \mathbf{u} = \frac{1}{1260}$	185. $\mathbf{b}^T \text{AACAA} C \mathbf{u} = \frac{1}{1260}$
$\mathbf{b}^T \text{AACAC}^2 \mathbf{u} = \frac{1}{630}$	43. $\mathbf{b}^T \text{AACAC}^2 \mathbf{u} = \frac{1}{630}$	186. $\mathbf{b}^T \text{AACAC}^2 \mathbf{u} = \frac{1}{630}$
$\mathbf{b}^T \text{AACAA} \circ DC \mathbf{u} = \frac{1}{420}$		187. $\mathbf{b}^T \text{AACACD} \mathbf{u} = \frac{1}{420}$
$\mathbf{b}^T \text{AA}(\text{A} \circ D \mathbf{u}) \circ (\text{A} \circ D \mathbf{u}) = \frac{1}{210}$		188. $\mathbf{b}^T \text{AA}(\text{AD} \mathbf{u}) \circ (\text{AD} \mathbf{u}) = \frac{1}{210}$
$\mathbf{b}^T \text{AA}(\text{A} \circ D \mathbf{u}) \circ (\text{AC} \mathbf{u}) = \frac{1}{420}$		189. $\mathbf{b}^T \text{AA}(\text{AD} \mathbf{u}) \circ (\text{AC} \mathbf{u}) = \frac{1}{420}$
$\mathbf{b}^T \text{AA}(\text{AC} \mathbf{u}) \circ (\text{AC} \mathbf{u}) = \frac{1}{840}$	44. $\mathbf{b}^T \text{AA}(\text{AC} \mathbf{u}) \circ (\text{AC} \mathbf{u}) = \frac{1}{840}$	190. $\mathbf{b}^T \text{AA}(\text{AC} \mathbf{u}) \circ (\text{AC} \mathbf{u}) = \frac{1}{840}$
$\mathbf{b}^T \text{AAC}^2 \text{A} \circ D \mathbf{u} = \frac{1}{210}$		191. $\mathbf{b}^T \text{AAC}^2 \text{AD} \mathbf{u} = \frac{1}{210}$
$\mathbf{b}^T \text{AAC}^2 \text{AC} \mathbf{u} = \frac{1}{420}$	45. $\mathbf{b}^T \text{AAC}^2 \text{AC} \mathbf{u} = \frac{1}{420}$	192. $\mathbf{b}^T \text{AAC}^2 \text{AC} \mathbf{u} = \frac{1}{420}$
$\mathbf{b}^T \text{AAC}^4 \mathbf{u} = \frac{1}{210}$	46. $\mathbf{b}^T \text{AAC}^4 \mathbf{u} = \frac{1}{210}$	193. $\mathbf{b}^T \text{AAC}^4 \mathbf{u} = \frac{1}{210}$
$\mathbf{b}^T \text{AA} \circ D \text{A} \circ D^2 \mathbf{u} = \frac{1}{168}$		194. $\mathbf{b}^T \text{AADAD}^2 \mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T \text{AA} \circ D \text{AA} \circ D \mathbf{u} = \frac{1}{504}$		195. $\mathbf{b}^T \text{AADAAD} \mathbf{u} = \frac{1}{504}$
$\mathbf{b}^T \text{AA} \circ D \text{AAC} \mathbf{u} = \frac{1}{1008}$		196. $\mathbf{b}^T \text{AADAAC} \mathbf{u} = \frac{1}{1008}$
$\mathbf{b}^T \text{AA} \circ D \text{AC}^2 \mathbf{u} = \frac{1}{504}$		197. $\mathbf{b}^T \text{AADAC}^2 \mathbf{u} = \frac{1}{504}$
$\mathbf{b}^T \text{AA} \circ D \text{A} \circ DC \mathbf{u} = \frac{1}{336}$		198. $\mathbf{b}^T \text{AADACD} \mathbf{u} = \frac{1}{336}$
$\mathbf{b}^T \text{AA} \circ D \text{CA} \circ D \mathbf{u} = \frac{1}{168}$		199. $\mathbf{b}^T \text{AACDAD} \mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T \text{AA} \circ D \text{CAC} \mathbf{u} = \frac{1}{336}$		200. $\mathbf{b}^T \text{AACDAC} \mathbf{u} = \frac{1}{336}$
$\mathbf{b}^T \text{AA} \circ D \text{C}^3 \mathbf{u} = \frac{1}{168}$		201. $\mathbf{b}^T \text{AAC}^3 D \mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T \text{AA} \circ D^2 \text{A} \circ D \mathbf{u} = \frac{1}{126}$		202. $\mathbf{b}^T \text{AAD}^2 \text{AD} \mathbf{u} = \frac{1}{126}$
$\mathbf{b}^T \text{AA} \circ D^2 \text{AC} \mathbf{u} = \frac{1}{252}$		203. $\mathbf{b}^T \text{AAD}^2 \text{AC} \mathbf{u} = \frac{1}{252}$
$\mathbf{b}^T \text{AA} \circ D^2 \text{C}^2 \mathbf{u} = \frac{1}{126}$		204. $\mathbf{b}^T \text{AAC}^2 D^2 \mathbf{u} = \frac{1}{126}$
$\mathbf{b}^T \text{AA} \circ D^3 \text{C} \mathbf{u} = \frac{1}{84}$		205. $\mathbf{b}^T \text{AACD}^3 \mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T \text{ACA} \circ D^3 \mathbf{u} = \frac{1}{42}$		206. $\mathbf{b}^T \text{ACAD}^3 \mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T \text{ACAA} \circ D^2 \mathbf{u} = \frac{1}{168}$		207. $\mathbf{b}^T \text{ACAAD}^2 \mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T \text{ACAAA} \circ D \mathbf{u} = \frac{1}{504}$		208. $\mathbf{b}^T \text{ACAAAD} \mathbf{u} = \frac{1}{504}$
$\mathbf{b}^T \text{ACAAAC} \mathbf{u} = \frac{1}{1008}$	47. $\mathbf{b}^T \text{ACAAAC} \mathbf{u} = \frac{1}{1008}$	209. $\mathbf{b}^T \text{ACAAAC} \mathbf{u} = \frac{1}{1008}$
$\mathbf{b}^T \text{ACAAC}^2 \mathbf{u} = \frac{1}{504}$	48. $\mathbf{b}^T \text{ACAAC}^2 \mathbf{u} = \frac{1}{504}$	210. $\mathbf{b}^T \text{ACAAC}^2 \mathbf{u} = \frac{1}{504}$
$\mathbf{b}^T \text{ACAA} \circ DC \mathbf{u} = \frac{1}{336}$		211. $\mathbf{b}^T \text{ACAACD} \mathbf{u} = \frac{1}{336}$
$\mathbf{b}^T \text{ACACA} \circ D \mathbf{u} = \frac{1}{168}$		212. $\mathbf{b}^T \text{ACACAD} \mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T \text{ACACAC} \mathbf{u} = \frac{1}{336}$	49. $\mathbf{b}^T \text{ACACAC} \mathbf{u} = \frac{1}{336}$	213. $\mathbf{b}^T \text{ACACAC} \mathbf{u} = \frac{1}{336}$
$\mathbf{b}^T \text{ACAC}^3 \mathbf{u} = \frac{1}{168}$	50. $\mathbf{b}^T \text{ACAC}^3 \mathbf{u} = \frac{1}{168}$	214. $\mathbf{b}^T \text{ACAC}^3 \mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T \text{ACA} \circ D \text{A} \circ D \mathbf{u} = \frac{1}{126}$		215. $\mathbf{b}^T \text{ACADAD} \mathbf{u} = \frac{1}{126}$
$\mathbf{b}^T \text{ACA} \circ D \text{AC} \mathbf{u} = \frac{1}{252}$		216. $\mathbf{b}^T \text{ACADAC} \mathbf{u} = \frac{1}{252}$
$\mathbf{b}^T \text{ACA} \circ D \text{C}^2 \mathbf{u} = \frac{1}{126}$		217. $\mathbf{b}^T \text{ACAC}^2 D \mathbf{u} = \frac{1}{126}$
$\mathbf{b}^T \text{ACA} \circ D^2 \text{C} \mathbf{u} = \frac{1}{84}$		218. $\mathbf{b}^T \text{ACACD}^2 \mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T \text{A}(\text{A} \circ D \mathbf{u}) \circ (\text{A} \circ D^2 \mathbf{u}) = \frac{1}{42}$		219. $\mathbf{b}^T \text{A}(\text{AD} \mathbf{u}) \circ (\text{AD}^2 \mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T \text{A}(\text{A} \circ D \mathbf{u}) \circ (\text{AA} \circ D \mathbf{u}) = \frac{1}{126}$		220. $\mathbf{b}^T \text{A}(\text{AD} \mathbf{u}) \circ (\text{AAD} \mathbf{u}) = \frac{1}{126}$
$\mathbf{b}^T \text{A}(\text{A} \circ D \mathbf{u}) \circ (\text{AAC} \mathbf{u}) = \frac{1}{252}$		221. $\mathbf{b}^T \text{A}(\text{AD} \mathbf{u}) \circ (\text{AAC} \mathbf{u}) = \frac{1}{252}$
$\mathbf{b}^T \text{A}(\text{A} \circ D \mathbf{u}) \circ (\text{AC}^2 \mathbf{u}) = \frac{1}{126}$		222. $\mathbf{b}^T \text{A}(\text{AD} \mathbf{u}) \circ (\text{AC}^2 \mathbf{u}) = \frac{1}{126}$
$\mathbf{b}^T \text{A}(\text{A} \circ D \mathbf{u}) \circ (\text{A} \circ DC \mathbf{u}) = \frac{1}{84}$		223. $\mathbf{b}^T \text{A}(\text{AD} \mathbf{u}) \circ (\text{ACD} \mathbf{u}) = \frac{1}{84}$
$\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{A} \circ D^2 \mathbf{u}) = \frac{1}{84}$		224. $\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AD}^2 \mathbf{u}) = \frac{1}{84}$
$\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AA} \circ D \mathbf{u}) = \frac{1}{252}$		225. $\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AAD} \mathbf{u}) = \frac{1}{252}$
$\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AAC} \mathbf{u}) = \frac{1}{504}$	51. $\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AAC} \mathbf{u}) = \frac{1}{504}$	226. $\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AAC} \mathbf{u}) = \frac{1}{504}$
$\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AC}^2 \mathbf{u}) = \frac{1}{252}$	52. $\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AC}^2 \mathbf{u}) = \frac{1}{252}$	227. $\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{AC}^2 \mathbf{u}) = \frac{1}{252}$
$\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{A} \circ DC \mathbf{u}) = \frac{1}{168}$		228. $\mathbf{b}^T \text{A}(\text{AC} \mathbf{u}) \circ (\text{ACD} \mathbf{u}) = \frac{1}{168}$

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Table 1 – Continued from previous page

VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T AC^2 A \circ D^2 \mathbf{u} = \frac{1}{42}$		229. $\mathbf{b}^T AC^2 AD^2 \mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T AC^2 AA \circ D \mathbf{u} = \frac{1}{126}$		230. $\mathbf{b}^T AC^2 AAD \mathbf{u} = \frac{1}{126}$
$\mathbf{b}^T AC^2 AAC \mathbf{u} = \frac{1}{252}$	53. $\mathbf{b}^T AC^2 AAC \mathbf{u} = \frac{1}{252}$	231. $\mathbf{b}^T AC^2 AAC \mathbf{u} = \frac{1}{252}$
$\mathbf{b}^T AC^2 AC^2 \mathbf{u} = \frac{1}{126}$	54. $\mathbf{b}^T AC^2 AC^2 \mathbf{u} = \frac{1}{126}$	232. $\mathbf{b}^T AC^2 AC^2 \mathbf{u} = \frac{1}{126}$
$\mathbf{b}^T AC^2 A \circ DC \mathbf{u} = \frac{1}{84}$		233. $\mathbf{b}^T AC^2 AC D \mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T AC(A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{42}$		234. $\mathbf{b}^T AC(AD \mathbf{u}) \circ (AD \mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T AC(A \circ D \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{84}$		235. $\mathbf{b}^T AC(AD \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{84}$
$\mathbf{b}^T AC(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{168}$	55. $\mathbf{b}^T AC(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{168}$	236. $\mathbf{b}^T AC(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{168}$
$\mathbf{b}^T AC^3 A \circ D \mathbf{u} = \frac{1}{42}$		237. $\mathbf{b}^T AC^3 AD \mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T AC^3 AC \mathbf{u} = \frac{1}{84}$	56. $\mathbf{b}^T AC^3 AC \mathbf{u} = \frac{1}{84}$	238. $\mathbf{b}^T AC^3 AC \mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T AC^5 \mathbf{u} = \frac{1}{42}$	57. $\mathbf{b}^T AC^5 \mathbf{u} = \frac{1}{42}$	239. $\mathbf{b}^T AC^5 \mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T A \circ DA \circ D^3 \mathbf{u} = \frac{1}{35}$		240. $\mathbf{b}^T ADAD^3 \mathbf{u} = \frac{1}{35}$
$\mathbf{b}^T A \circ DAA \circ D^2 \mathbf{u} = \frac{1}{140}$		241. $\mathbf{b}^T ADAAD^2 \mathbf{u} = \frac{1}{140}$
$\mathbf{b}^T A \circ DAAA \circ D \mathbf{u} = \frac{1}{420}$		242. $\mathbf{b}^T ADAAAAD \mathbf{u} = \frac{1}{420}$
$\mathbf{b}^T A \circ DAAAC \mathbf{u} = \frac{1}{840}$		243. $\mathbf{b}^T ADAAAC \mathbf{u} = \frac{1}{840}$
$\mathbf{b}^T A \circ DAAC^2 \mathbf{u} = \frac{1}{420}$		244. $\mathbf{b}^T ADAAC^2 \mathbf{u} = \frac{1}{420}$
$\mathbf{b}^T A \circ DAA \circ DC \mathbf{u} = \frac{1}{280}$		245. $\mathbf{b}^T ADAACD \mathbf{u} = \frac{1}{280}$
$\mathbf{b}^T A \circ DAC A \circ D \mathbf{u} = \frac{1}{140}$		246. $\mathbf{b}^T ADACAD \mathbf{u} = \frac{1}{140}$
$\mathbf{b}^T A \circ DACAC \mathbf{u} = \frac{1}{280}$		247. $\mathbf{b}^T ADACAC \mathbf{u} = \frac{1}{280}$
$\mathbf{b}^T A \circ DAC^3 \mathbf{u} = \frac{1}{140}$		248. $\mathbf{b}^T ADAC^3 \mathbf{u} = \frac{1}{140}$
$\mathbf{b}^T A \circ DA \circ DA \circ D \mathbf{u} = \frac{1}{105}$		249. $\mathbf{b}^T ADADAD \mathbf{u} = \frac{1}{105}$
$\mathbf{b}^T A \circ DA \circ DAC \mathbf{u} = \frac{1}{210}$		250. $\mathbf{b}^T ADADAC \mathbf{u} = \frac{1}{210}$
$\mathbf{b}^T A \circ DA \circ DC^2 \mathbf{u} = \frac{1}{105}$		251. $\mathbf{b}^T ADAC^2 D \mathbf{u} = \frac{1}{105}$
$\mathbf{b}^T A \circ DA \circ D^2 C \mathbf{u} = \frac{1}{70}$		252. $\mathbf{b}^T ADACD^2 \mathbf{u} = \frac{1}{70}$
$\mathbf{b}^T A \circ DCA \circ D^2 \mathbf{u} = \frac{1}{35}$		253. $\mathbf{b}^T ACDAD^2 \mathbf{u} = \frac{1}{35}$
$\mathbf{b}^T A \circ DCAA \circ D \mathbf{u} = \frac{1}{105}$		254. $\mathbf{b}^T ACDAAD \mathbf{u} = \frac{1}{105}$
$\mathbf{b}^T A \circ DCAAC \mathbf{u} = \frac{1}{210}$		255. $\mathbf{b}^T ACDAAC \mathbf{u} = \frac{1}{210}$
$\mathbf{b}^T A \circ DCAC^2 \mathbf{u} = \frac{1}{105}$		256. $\mathbf{b}^T ACDAC^2 \mathbf{u} = \frac{1}{105}$
$\mathbf{b}^T A \circ DCA \circ DC \mathbf{u} = \frac{1}{70}$		257. $\mathbf{b}^T ACDACD \mathbf{u} = \frac{1}{70}$
$\mathbf{b}^T A \circ D(A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{35}$		258. $\mathbf{b}^T AD(AD \mathbf{u}) \circ (AD \mathbf{u}) = \frac{1}{35}$
$\mathbf{b}^T A \circ D(A \circ D \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{70}$		259. $\mathbf{b}^T AD(AD \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{70}$
$\mathbf{b}^T A \circ D(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{140}$		260. $\mathbf{b}^T AD(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{140}$
$\mathbf{b}^T A \circ DC^2 A \circ D \mathbf{u} = \frac{1}{35}$		261. $\mathbf{b}^T AC^2 DAD \mathbf{u} = \frac{1}{35}$
$\mathbf{b}^T A \circ DC^2 AC \mathbf{u} = \frac{1}{70}$		262. $\mathbf{b}^T AC^2 DAC \mathbf{u} = \frac{1}{70}$
$\mathbf{b}^T A \circ DC^4 \mathbf{u} = \frac{1}{35}$		263. $\mathbf{b}^T AC^4 D \mathbf{u} = \frac{1}{35}$
$\mathbf{b}^T A \circ D^2 A \circ D^2 \mathbf{u} = \frac{1}{28}$		264. $\mathbf{b}^T AD^2 AD^2 \mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T A \circ D^2 AA \circ D \mathbf{u} = \frac{1}{84}$		265. $\mathbf{b}^T AD^2 AAD \mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T A \circ D^2 AAC \mathbf{u} = \frac{1}{168}$		266. $\mathbf{b}^T AD^2 AAC \mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T A \circ D^2 AC^2 \mathbf{u} = \frac{1}{84}$		267. $\mathbf{b}^T AD^2 AC^2 \mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T A \circ D^2 A \circ DC \mathbf{u} = \frac{1}{56}$		268. $\mathbf{b}^T AD^2 ACD \mathbf{u} = \frac{1}{56}$
$\mathbf{b}^T A \circ D^2 CA \circ D \mathbf{u} = \frac{1}{28}$		269. $\mathbf{b}^T ACD^2 AD \mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T A \circ D^2 CAC \mathbf{u} = \frac{1}{56}$		270. $\mathbf{b}^T ACD^2 AC \mathbf{u} = \frac{1}{56}$
$\mathbf{b}^T A \circ D^2 C^3 \mathbf{u} = \frac{1}{28}$		271. $\mathbf{b}^T AC^3 D^2 \mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T A \circ D^3 A \circ D \mathbf{u} = \frac{1}{21}$		272. $\mathbf{b}^T AD^3 AD \mathbf{u} = \frac{1}{21}$
$\mathbf{b}^T A \circ D^3 AC \mathbf{u} = \frac{1}{42}$		273. $\mathbf{b}^T AD^3 AC \mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T A \circ D^3 C^2 \mathbf{u} = \frac{1}{21}$		274. $\mathbf{b}^T AC^2 D^3 \mathbf{u} = \frac{1}{21}$

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Table 1 – Continued from previous page

VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T A \circ D^4 C \mathbf{u} = \frac{1}{14}$		275. $\mathbf{b}^T ACD^4 \mathbf{u} = \frac{1}{14}$
$\mathbf{b}^T CA \circ D^4 \mathbf{u} = \frac{1}{7}$		276. $\mathbf{b}^T CAD^4 \mathbf{u} = \frac{1}{7}$
$\mathbf{b}^T CAA \circ D^3 \mathbf{u} = \frac{1}{35}$		277. $\mathbf{b}^T CAAD^3 \mathbf{u} = \frac{1}{35}$
$\mathbf{b}^T CAAA \circ D^2 \mathbf{u} = \frac{1}{140}$		278. $\mathbf{b}^T CAAAD^2 \mathbf{u} = \frac{1}{140}$
$\mathbf{b}^T CAAAA \circ D \mathbf{u} = \frac{1}{420}$		279. $\mathbf{b}^T CAAAA D \mathbf{u} = \frac{1}{420}$
$\mathbf{b}^T CAAAA C \mathbf{u} = \frac{1}{840}$	58. $\mathbf{b}^T CAAAA C \mathbf{u} = \frac{1}{840}$	280. $\mathbf{b}^T CAAAA C \mathbf{u} = \frac{1}{840}$
$\mathbf{b}^T CAAAC^2 \mathbf{u} = \frac{1}{420}$	59. $\mathbf{b}^T CAAAC^2 \mathbf{u} = \frac{1}{420}$	281. $\mathbf{b}^T CAAAC^2 \mathbf{u} = \frac{1}{420}$
$\mathbf{b}^T CAAA \circ DC \mathbf{u} = \frac{1}{280}$		282. $\mathbf{b}^T CAAACD \mathbf{u} = \frac{1}{280}$
$\mathbf{b}^T CAACA \circ D \mathbf{u} = \frac{1}{140}$		283. $\mathbf{b}^T CAACAD \mathbf{u} = \frac{1}{140}$
$\mathbf{b}^T CAACAC \mathbf{u} = \frac{1}{280}$	60. $\mathbf{b}^T CAACAC \mathbf{u} = \frac{1}{280}$	284. $\mathbf{b}^T CAACAC \mathbf{u} = \frac{1}{280}$
$\mathbf{b}^T CAAC^3 \mathbf{u} = \frac{1}{140}$	61. $\mathbf{b}^T CAAC^3 \mathbf{u} = \frac{1}{140}$	285. $\mathbf{b}^T CAAC^3 \mathbf{u} = \frac{1}{140}$
$\mathbf{b}^T CAA \circ DA \circ D \mathbf{u} = \frac{1}{105}$		286. $\mathbf{b}^T CAADAD \mathbf{u} = \frac{1}{105}$
$\mathbf{b}^T CAA \circ DAC \mathbf{u} = \frac{1}{210}$		287. $\mathbf{b}^T CAADAC \mathbf{u} = \frac{1}{210}$
$\mathbf{b}^T CAA \circ DC^2 \mathbf{u} = \frac{1}{105}$		288. $\mathbf{b}^T CAAC^2 D \mathbf{u} = \frac{1}{105}$
$\mathbf{b}^T CAA \circ D^2 C \mathbf{u} = \frac{1}{70}$		289. $\mathbf{b}^T CAACD^2 \mathbf{u} = \frac{1}{70}$
$\mathbf{b}^T CACA \circ D^2 \mathbf{u} = \frac{1}{35}$		290. $\mathbf{b}^T CACAD^2 \mathbf{u} = \frac{1}{35}$
$\mathbf{b}^T CACAA \circ D \mathbf{u} = \frac{1}{105}$		291. $\mathbf{b}^T CACAAD \mathbf{u} = \frac{1}{105}$
$\mathbf{b}^T CACAAC \mathbf{u} = \frac{1}{210}$	62. $\mathbf{b}^T CACAAC \mathbf{u} = \frac{1}{210}$	292. $\mathbf{b}^T CACAAC \mathbf{u} = \frac{1}{210}$
$\mathbf{b}^T CACAC^2 \mathbf{u} = \frac{1}{105}$	63. $\mathbf{b}^T CACAC^2 \mathbf{u} = \frac{1}{105}$	293. $\mathbf{b}^T CACAC^2 \mathbf{u} = \frac{1}{105}$
$\mathbf{b}^T CACA \circ DC \mathbf{u} = \frac{1}{70}$		294. $\mathbf{b}^T CACACD \mathbf{u} = \frac{1}{70}$
$\mathbf{b}^T CA(A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{35}$		295. $\mathbf{b}^T CA(AD \mathbf{u}) \circ (AD \mathbf{u}) = \frac{1}{35}$
$\mathbf{b}^T CA(A \circ D \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{70}$		296. $\mathbf{b}^T CA(AD \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{70}$
$\mathbf{b}^T CA(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{140}$	64. $\mathbf{b}^T CA(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{140}$	297. $\mathbf{b}^T CA(AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{140}$
$\mathbf{b}^T CAC^2 A \circ D \mathbf{u} = \frac{1}{35}$		298. $\mathbf{b}^T CAC^2 AD \mathbf{u} = \frac{1}{35}$
$\mathbf{b}^T CAC^2 AC \mathbf{u} = \frac{1}{70}$	65. $\mathbf{b}^T CAC^2 AC \mathbf{u} = \frac{1}{70}$	299. $\mathbf{b}^T CAC^2 AC \mathbf{u} = \frac{1}{70}$
$\mathbf{b}^T CAC^4 \mathbf{u} = \frac{1}{35}$	66. $\mathbf{b}^T CAC^4 \mathbf{u} = \frac{1}{35}$	300. $\mathbf{b}^T CAC^4 \mathbf{u} = \frac{1}{35}$
$\mathbf{b}^T CA \circ DA \circ D^2 \mathbf{u} = \frac{1}{28}$		301. $\mathbf{b}^T CADAD^2 \mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T CA \circ DAA \circ D \mathbf{u} = \frac{1}{84}$		302. $\mathbf{b}^T CADAAD \mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T CA \circ DAAC \mathbf{u} = \frac{1}{168}$		303. $\mathbf{b}^T CADAAC \mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T CA \circ DAC^2 \mathbf{u} = \frac{1}{84}$		304. $\mathbf{b}^T CADAC^2 \mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T CA \circ DA \circ DC \mathbf{u} = \frac{1}{56}$		305. $\mathbf{b}^T CADACD \mathbf{u} = \frac{1}{56}$
$\mathbf{b}^T CA \circ DCA \circ D \mathbf{u} = \frac{1}{28}$		306. $\mathbf{b}^T CACDAD \mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T CA \circ DCAC \mathbf{u} = \frac{1}{56}$		307. $\mathbf{b}^T CACDAC \mathbf{u} = \frac{1}{56}$
$\mathbf{b}^T CA \circ DC^3 \mathbf{u} = \frac{1}{28}$		308. $\mathbf{b}^T CAC^3 D \mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T CA \circ D^2 A \circ D \mathbf{u} = \frac{1}{21}$		309. $\mathbf{b}^T CAD^2 AD \mathbf{u} = \frac{1}{21}$
$\mathbf{b}^T CA \circ D^2 AC \mathbf{u} = \frac{1}{42}$		310. $\mathbf{b}^T CAD^2 AC \mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T CA \circ D^2 C^2 \mathbf{u} = \frac{1}{21}$		311. $\mathbf{b}^T CAC^2 D^2 \mathbf{u} = \frac{1}{21}$
$\mathbf{b}^T CA \circ D^3 C \mathbf{u} = \frac{1}{14}$		312. $\mathbf{b}^T CACD^3 \mathbf{u} = \frac{1}{14}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A \circ D^3 \mathbf{u}) = \frac{1}{7}$		313. $\mathbf{b}^T (AD \mathbf{u}) \circ (AD^3 \mathbf{u}) = \frac{1}{7}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (AA \circ D^2 \mathbf{u}) = \frac{1}{28}$		314. $\mathbf{b}^T (AD \mathbf{u}) \circ (AAD^2 \mathbf{u}) = \frac{1}{28}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (AAA \circ D \mathbf{u}) = \frac{1}{84}$		315. $\mathbf{b}^T (AD \mathbf{u}) \circ (AAAD \mathbf{u}) = \frac{1}{84}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (AAAC \mathbf{u}) = \frac{1}{168}$		316. $\mathbf{b}^T (AD \mathbf{u}) \circ (AAAC \mathbf{u}) = \frac{1}{168}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (AAC^2 \mathbf{u}) = \frac{1}{84}$		317. $\mathbf{b}^T (AD \mathbf{u}) \circ (AAC^2 \mathbf{u}) = \frac{1}{84}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (AA \circ DC \mathbf{u}) = \frac{1}{56}$		318. $\mathbf{b}^T (AD \mathbf{u}) \circ (AACD \mathbf{u}) = \frac{1}{56}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (ACA \circ D \mathbf{u}) = \frac{1}{28}$		319. $\mathbf{b}^T (AD \mathbf{u}) \circ (ACAD \mathbf{u}) = \frac{1}{28}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (ACAC \mathbf{u}) = \frac{1}{56}$		320. $\mathbf{b}^T (AD \mathbf{u}) \circ (ACAC \mathbf{u}) = \frac{1}{56}$

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VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T(A \circ D\mathbf{u}) \circ (AC^3\mathbf{u}) = \frac{1}{28}$		321. $\mathbf{b}^T(AD\mathbf{u}) \circ (AC^3\mathbf{u}) = \frac{1}{28}$
$\mathbf{b}^T(A \circ D\mathbf{u}) \circ (A \circ DA \circ D\mathbf{u}) = \frac{1}{21}$		322. $\mathbf{b}^T(AD\mathbf{u}) \circ (ADAD\mathbf{u}) = \frac{1}{21}$
$\mathbf{b}^T(A \circ D\mathbf{u}) \circ (A \circ DAC\mathbf{u}) = \frac{1}{42}$		323. $\mathbf{b}^T(AD\mathbf{u}) \circ (ADAC\mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T(A \circ D\mathbf{u}) \circ (A \circ DC^2\mathbf{u}) = \frac{1}{21}$		324. $\mathbf{b}^T(AD\mathbf{u}) \circ (AC^2D\mathbf{u}) = \frac{1}{21}$
$\mathbf{b}^T(A \circ D\mathbf{u}) \circ (A \circ D^2C\mathbf{u}) = \frac{1}{14}$		325. $\mathbf{b}^T(AD\mathbf{u}) \circ (ACD^2\mathbf{u}) = \frac{1}{14}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (A \circ D^3\mathbf{u}) = \frac{1}{14}$		326. $\mathbf{b}^T(AC\mathbf{u}) \circ (AD^3\mathbf{u}) = \frac{1}{14}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (AA \circ D^2\mathbf{u}) = \frac{1}{56}$		327. $\mathbf{b}^T(AC\mathbf{u}) \circ (AAD^2\mathbf{u}) = \frac{1}{56}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (AAA \circ D\mathbf{u}) = \frac{1}{168}$		328. $\mathbf{b}^T(AC\mathbf{u}) \circ (AAAD\mathbf{u}) = \frac{1}{168}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (AAAC\mathbf{u}) = \frac{1}{336}$	67. $\mathbf{b}^T(AC\mathbf{u}) \circ (AAAC\mathbf{u}) = \frac{1}{336}$	329. $\mathbf{b}^T(AC\mathbf{u}) \circ (AAAC\mathbf{u}) = \frac{1}{336}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (AAC^2\mathbf{u}) = \frac{1}{168}$	68. $\mathbf{b}^T(AC\mathbf{u}) \circ (AAC^2\mathbf{u}) = \frac{1}{168}$	330. $\mathbf{b}^T(AC\mathbf{u}) \circ (AAC^2\mathbf{u}) = \frac{1}{168}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (AA \circ DC\mathbf{u}) = \frac{1}{112}$		331. $\mathbf{b}^T(AC\mathbf{u}) \circ (AACD\mathbf{u}) = \frac{1}{112}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (ACA \circ D\mathbf{u}) = \frac{1}{56}$		332. $\mathbf{b}^T(AC\mathbf{u}) \circ (ACAD\mathbf{u}) = \frac{1}{56}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (ACAC\mathbf{u}) = \frac{1}{112}$	69. $\mathbf{b}^T(AC\mathbf{u}) \circ (ACAC\mathbf{u}) = \frac{1}{112}$	333. $\mathbf{b}^T(AC\mathbf{u}) \circ (ACAC\mathbf{u}) = \frac{1}{112}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (AC^3\mathbf{u}) = \frac{1}{56}$	70. $\mathbf{b}^T(AC\mathbf{u}) \circ (AC^3\mathbf{u}) = \frac{1}{56}$	334. $\mathbf{b}^T(AC\mathbf{u}) \circ (AC^3\mathbf{u}) = \frac{1}{56}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (A \circ DA \circ D\mathbf{u}) = \frac{1}{42}$		335. $\mathbf{b}^T(AC\mathbf{u}) \circ (ADAD\mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (A \circ DAC\mathbf{u}) = \frac{1}{84}$		336. $\mathbf{b}^T(AC\mathbf{u}) \circ (ADAC\mathbf{u}) = \frac{1}{84}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (A \circ DC^2\mathbf{u}) = \frac{1}{42}$		337. $\mathbf{b}^T(AC\mathbf{u}) \circ (AC^2D\mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T(AC\mathbf{u}) \circ (A \circ D^2C\mathbf{u}) = \frac{1}{28}$		338. $\mathbf{b}^T(AC\mathbf{u}) \circ (ACD^2\mathbf{u}) = \frac{1}{28}$
$\mathbf{b}^T C^2 A \circ D^3\mathbf{u} = \frac{1}{7}$		339. $\mathbf{b}^T C^2 AD^3\mathbf{u} = \frac{1}{7}$
$\mathbf{b}^T C^2 AA \circ D^2\mathbf{u} = \frac{1}{28}$		340. $\mathbf{b}^T C^2 AAD^2\mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T C^2 AAA \circ D\mathbf{u} = \frac{1}{84}$		341. $\mathbf{b}^T C^2 AAAD\mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T C^2 AAAC\mathbf{u} = \frac{1}{168}$	71. $\mathbf{b}^T C^2 AAAC\mathbf{u} = \frac{1}{168}$	342. $\mathbf{b}^T C^2 AAAC\mathbf{u} = \frac{1}{168}$
$\mathbf{b}^T C^2 AAC^2\mathbf{u} = \frac{1}{84}$	72. $\mathbf{b}^T C^2 AAC^2\mathbf{u} = \frac{1}{84}$	343. $\mathbf{b}^T C^2 AAC^2\mathbf{u} = \frac{1}{84}$
$\mathbf{b}^T C^2 AA \circ DC\mathbf{u} = \frac{1}{56}$		344. $\mathbf{b}^T C^2 AACD\mathbf{u} = \frac{1}{56}$
$\mathbf{b}^T C^2 ACA \circ D\mathbf{u} = \frac{1}{28}$		345. $\mathbf{b}^T C^2 ACAD\mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T C^2 ACAC\mathbf{u} = \frac{1}{56}$	73. $\mathbf{b}^T C^2 ACAC\mathbf{u} = \frac{1}{56}$	346. $\mathbf{b}^T C^2 ACAC\mathbf{u} = \frac{1}{56}$
$\mathbf{b}^T C^2 AC^3\mathbf{u} = \frac{1}{28}$	74. $\mathbf{b}^T C^2 AC^3\mathbf{u} = \frac{1}{28}$	347. $\mathbf{b}^T C^2 AC^3\mathbf{u} = \frac{1}{28}$
$\mathbf{b}^T C^2 A \circ DA \circ D\mathbf{u} = \frac{1}{21}$		348. $\mathbf{b}^T C^2 ADAD\mathbf{u} = \frac{1}{21}$
$\mathbf{b}^T C^2 A \circ DAC\mathbf{u} = \frac{1}{42}$		349. $\mathbf{b}^T C^2 ADAC\mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T C^2 A \circ DC^2\mathbf{u} = \frac{1}{21}$		350. $\mathbf{b}^T C^2 AC^2D\mathbf{u} = \frac{1}{21}$
$\mathbf{b}^T C^2 A \circ D^2C\mathbf{u} = \frac{1}{14}$		351. $\mathbf{b}^T C^2 ACD^2\mathbf{u} = \frac{1}{14}$
$\mathbf{b}^T(A \circ D^2\mathbf{u}) \circ (A \circ D^2\mathbf{u}) = \frac{1}{7}$		352. $\mathbf{b}^T(AD^2\mathbf{u}) \circ (AD^2\mathbf{u}) = \frac{1}{7}$
$\mathbf{b}^T(A \circ D^2\mathbf{u}) \circ (AA \circ D\mathbf{u}) = \frac{1}{21}$		353. $\mathbf{b}^T(AD^2\mathbf{u}) \circ (AAD\mathbf{u}) = \frac{1}{21}$
$\mathbf{b}^T(A \circ D^2\mathbf{u}) \circ (AAC\mathbf{u}) = \frac{1}{42}$		354. $\mathbf{b}^T(AD^2\mathbf{u}) \circ (AAC\mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T(A \circ D^2\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{21}$		355. $\mathbf{b}^T(AD^2\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{21}$
$\mathbf{b}^T(A \circ D^2\mathbf{u}) \circ (A \circ DC\mathbf{u}) = \frac{1}{14}$		356. $\mathbf{b}^T(AD^2\mathbf{u}) \circ (ACD\mathbf{u}) = \frac{1}{14}$
$\mathbf{b}^T(AA \circ D\mathbf{u}) \circ (AA \circ D\mathbf{u}) = \frac{1}{63}$		357. $\mathbf{b}^T(AAD\mathbf{u}) \circ (AAD\mathbf{u}) = \frac{1}{63}$
$\mathbf{b}^T(AA \circ D\mathbf{u}) \circ (AAC\mathbf{u}) = \frac{1}{126}$		358. $\mathbf{b}^T(AAD\mathbf{u}) \circ (AAC\mathbf{u}) = \frac{1}{126}$
$\mathbf{b}^T(AA \circ D\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{63}$		359. $\mathbf{b}^T(AAD\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{63}$
$\mathbf{b}^T(AA \circ D\mathbf{u}) \circ (A \circ DC\mathbf{u}) = \frac{1}{42}$		360. $\mathbf{b}^T(AAD\mathbf{u}) \circ (ACD\mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T(AAC\mathbf{u}) \circ (AAC\mathbf{u}) = \frac{1}{252}$	75. $\mathbf{b}^T(AAC\mathbf{u}) \circ (AAC\mathbf{u}) = \frac{1}{252}$	361. $\mathbf{b}^T(AAC\mathbf{u}) \circ (AAC\mathbf{u}) = \frac{1}{252}$
$\mathbf{b}^T(AAC\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{126}$	76. $\mathbf{b}^T(AAC\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{126}$	362. $\mathbf{b}^T(AAC\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{126}$
$\mathbf{b}^T(AAC\mathbf{u}) \circ (A \circ DC\mathbf{u}) = \frac{1}{84}$		363. $\mathbf{b}^T(AAC\mathbf{u}) \circ (ACD\mathbf{u}) = \frac{1}{84}$
$\mathbf{b}^T(AC^2\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{63}$	77. $\mathbf{b}^T(AC^2\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{63}$	364. $\mathbf{b}^T(AC^2\mathbf{u}) \circ (AC^2\mathbf{u}) = \frac{1}{63}$
$\mathbf{b}^T(AC^2\mathbf{u}) \circ (A \circ DC\mathbf{u}) = \frac{1}{42}$		365. $\mathbf{b}^T(AC^2\mathbf{u}) \circ (ACD\mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T(A \circ DC\mathbf{u}) \circ (A \circ DC\mathbf{u}) = \frac{1}{28}$		366. $\mathbf{b}^T(ACD\mathbf{u}) \circ (ACD\mathbf{u}) = \frac{1}{28}$

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Table 1 – Continued from previous page

VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T C(A \circ D \mathbf{u}) \circ (A \circ D^2 \mathbf{u}) = \frac{1}{7}$		367. $\mathbf{b}^T C(AD \mathbf{u}) \circ (AD^2 \mathbf{u}) = \frac{1}{7}$
$\mathbf{b}^T C(A \circ D \mathbf{u}) \circ (AA \circ D \mathbf{u}) = \frac{1}{21}$		368. $\mathbf{b}^T C(AD \mathbf{u}) \circ (AAD \mathbf{u}) = \frac{1}{21}$
$\mathbf{b}^T C(A \circ D \mathbf{u}) \circ (AAC \mathbf{u}) = \frac{1}{42}$		369. $\mathbf{b}^T C(AD \mathbf{u}) \circ (AAC \mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T C(A \circ D \mathbf{u}) \circ (AC^2 \mathbf{u}) = \frac{1}{21}$		370. $\mathbf{b}^T C(AD \mathbf{u}) \circ (AC^2 \mathbf{u}) = \frac{1}{21}$
$\mathbf{b}^T C(A \circ D \mathbf{u}) \circ (A \circ DC \mathbf{u}) = \frac{1}{14}$		371. $\mathbf{b}^T C(AD \mathbf{u}) \circ (ACD \mathbf{u}) = \frac{1}{14}$
$\mathbf{b}^T C(AC \mathbf{u}) \circ (A \circ D^2 \mathbf{u}) = \frac{1}{14}$		372. $\mathbf{b}^T C(AC \mathbf{u}) \circ (AD^2 \mathbf{u}) = \frac{1}{14}$
$\mathbf{b}^T C(AC \mathbf{u}) \circ (AA \circ D \mathbf{u}) = \frac{1}{42}$		373. $\mathbf{b}^T C(AC \mathbf{u}) \circ (AAD \mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T C(AC \mathbf{u}) \circ (AAC \mathbf{u}) = \frac{1}{84}$	78. $\mathbf{b}^T C(AC \mathbf{u}) \circ (AAC \mathbf{u}) = \frac{1}{84}$	374. $\mathbf{b}^T C(AC \mathbf{u}) \circ (AAC \mathbf{u}) = \frac{1}{84}$
$\mathbf{b}^T C(AC \mathbf{u}) \circ (AC^2 \mathbf{u}) = \frac{1}{42}$	79. $\mathbf{b}^T C(AC \mathbf{u}) \circ (AC^2 \mathbf{u}) = \frac{1}{42}$	375. $\mathbf{b}^T C(AC \mathbf{u}) \circ (AC^2 \mathbf{u}) = \frac{1}{42}$
$\mathbf{b}^T C(AC \mathbf{u}) \circ (A \circ DC \mathbf{u}) = \frac{1}{28}$		376. $\mathbf{b}^T C(AC \mathbf{u}) \circ (ACD \mathbf{u}) = \frac{1}{28}$
$\mathbf{b}^T C^3 A \circ D^2 \mathbf{u} = \frac{1}{7}$		377. $\mathbf{b}^T C^3 AD^2 \mathbf{u} = \frac{1}{7}$
$\mathbf{b}^T C^3 AA \circ D \mathbf{u} = \frac{1}{21}$		378. $\mathbf{b}^T C^3 AAD \mathbf{u} = \frac{1}{21}$
$\mathbf{b}^T C^3 AAC \mathbf{u} = \frac{1}{42}$	80. $\mathbf{b}^T C^3 AAC \mathbf{u} = \frac{1}{42}$	379. $\mathbf{b}^T C^3 AAC \mathbf{u} = \frac{1}{42}$
$\mathbf{b}^T C^3 AC^2 \mathbf{u} = \frac{1}{21}$	81. $\mathbf{b}^T C^3 AC^2 \mathbf{u} = \frac{1}{21}$	380. $\mathbf{b}^T C^3 AC^2 \mathbf{u} = \frac{1}{21}$
$\mathbf{b}^T C^3 A \circ DC \mathbf{u} = \frac{1}{14}$		381. $\mathbf{b}^T C^3 ACD \mathbf{u} = \frac{1}{14}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{7}$		382. $\mathbf{b}^T (AD \mathbf{u}) \circ (AD \mathbf{u}) \circ (AD \mathbf{u}) = \frac{1}{7}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{14}$		383. $\mathbf{b}^T (AD \mathbf{u}) \circ (AD \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{14}$
$\mathbf{b}^T (A \circ D \mathbf{u}) \circ (AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{28}$		384. $\mathbf{b}^T (AD \mathbf{u}) \circ (AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{28}$
$\mathbf{b}^T (AC \mathbf{u}) \circ (AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{56}$	82. $\mathbf{b}^T (AC \mathbf{u}) \circ (AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{56}$	385. $\mathbf{b}^T (AC \mathbf{u}) \circ (AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{56}$
$\mathbf{b}^T C^2 (A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{7}$		386. $\mathbf{b}^T C^2 (AD \mathbf{u}) \circ (AD \mathbf{u}) = \frac{1}{7}$
$\mathbf{b}^T C^2 (A \circ D \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{14}$		387. $\mathbf{b}^T C^2 (AD \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{14}$
$\mathbf{b}^T C^2 (AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{28}$	83. $\mathbf{b}^T C^2 (AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{28}$	388. $\mathbf{b}^T C^2 (AC \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{28}$
$\mathbf{b}^T C^4 A \circ D \mathbf{u} = \frac{1}{7}$		389. $\mathbf{b}^T C^4 AD \mathbf{u} = \frac{1}{7}$
$\mathbf{b}^T C^4 AC \mathbf{u} = \frac{1}{14}$	84. $\mathbf{b}^T C^4 AC \mathbf{u} = \frac{1}{14}$	390. $\mathbf{b}^T C^4 AC \mathbf{u} = \frac{1}{14}$
$\mathbf{b}^T C^6 \mathbf{u} = \frac{1}{7}$	85. $\mathbf{b}^T C^6 \mathbf{u} = \frac{1}{7}$	391. $\mathbf{b}^T C^6 \mathbf{u} = \frac{1}{7}$
$\mathbf{b}^T EA \circ D^4 \mathbf{u} = \frac{1}{6}$		392. $\mathbf{b}^T DAD^4 \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T EAA \circ D^3 \mathbf{u} = \frac{1}{30}$		393. $\mathbf{b}^T DAAD^3 \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T EAAA \circ D^2 \mathbf{u} = \frac{1}{120}$		394. $\mathbf{b}^T DAAAD^2 \mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T EAAAA \circ D \mathbf{u} = \frac{1}{360}$		395. $\mathbf{b}^T DAAAA D \mathbf{u} = \frac{1}{360}$
$\mathbf{b}^T EAAAA C \mathbf{u} = \frac{1}{720}$		396. $\mathbf{b}^T DAAAA C \mathbf{u} = \frac{1}{720}$
$\mathbf{b}^T EAAAC^2 \mathbf{u} = \frac{1}{360}$		397. $\mathbf{b}^T DAAAC^2 \mathbf{u} = \frac{1}{360}$
$\mathbf{b}^T EAAA \circ DC \mathbf{u} = \frac{1}{240}$		398. $\mathbf{b}^T DAAACD \mathbf{u} = \frac{1}{240}$
$\mathbf{b}^T EAAC A \circ D \mathbf{u} = \frac{1}{120}$		399. $\mathbf{b}^T DAACAD \mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T EAACAC \mathbf{u} = \frac{1}{240}$		400. $\mathbf{b}^T DAACAC \mathbf{u} = \frac{1}{240}$
$\mathbf{b}^T EAAC^3 \mathbf{u} = \frac{1}{120}$		401. $\mathbf{b}^T DAAC^3 \mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T EAA \circ DA \circ D \mathbf{u} = \frac{1}{90}$		402. $\mathbf{b}^T DAADAD \mathbf{u} = \frac{1}{90}$
$\mathbf{b}^T EAA \circ DAC \mathbf{u} = \frac{1}{180}$		403. $\mathbf{b}^T DAADAC \mathbf{u} = \frac{1}{180}$
$\mathbf{b}^T EAA \circ DC^2 \mathbf{u} = \frac{1}{90}$		404. $\mathbf{b}^T DAAC^2 D \mathbf{u} = \frac{1}{90}$
$\mathbf{b}^T EAA \circ D^2 C \mathbf{u} = \frac{1}{60}$		405. $\mathbf{b}^T DAACD^2 \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T EACA \circ D^2 \mathbf{u} = \frac{1}{30}$		406. $\mathbf{b}^T DACAD^2 \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T EACAA \circ D \mathbf{u} = \frac{1}{90}$		407. $\mathbf{b}^T DACAAD \mathbf{u} = \frac{1}{90}$
$\mathbf{b}^T EACAAC \mathbf{u} = \frac{1}{180}$		408. $\mathbf{b}^T DACAAC \mathbf{u} = \frac{1}{180}$
$\mathbf{b}^T EACAC^2 \mathbf{u} = \frac{1}{90}$		409. $\mathbf{b}^T DACAC^2 \mathbf{u} = \frac{1}{90}$
$\mathbf{b}^T EACA \circ DC \mathbf{u} = \frac{1}{60}$		410. $\mathbf{b}^T DACACD \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T EA(A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{30}$		411. $\mathbf{b}^T DA(AD \mathbf{u}) \circ (AD \mathbf{u}) = \frac{1}{30}$
$\mathbf{b}^T EA(A \circ D \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{60}$		412. $\mathbf{b}^T DA(AD \mathbf{u}) \circ (AC \mathbf{u}) = \frac{1}{60}$

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Table 1 – Continued from previous page

VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T E A (A \mathbf{C} \mathbf{u}) \circ (A \mathbf{C} \mathbf{u}) = \frac{1}{120}$		413. $\mathbf{b}^T D A (A \mathbf{C} \mathbf{u}) \circ (A \mathbf{C} \mathbf{u}) = \frac{1}{120}$
$\mathbf{b}^T E A C^2 A \circ D \mathbf{u} = \frac{1}{30}$		414. $\mathbf{b}^T D A C^2 A D \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T E A C^2 A \mathbf{C} \mathbf{u} = \frac{1}{60}$		415. $\mathbf{b}^T D A C^2 A \mathbf{C} \mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T E A C^4 \mathbf{u} = \frac{1}{30}$		416. $\mathbf{b}^T D A C^4 \mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T E A \circ D A \circ D^2 \mathbf{u} = \frac{1}{24}$		417. $\mathbf{b}^T D A D A D^2 \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T E A \circ D A A \circ D \mathbf{u} = \frac{1}{72}$		418. $\mathbf{b}^T D A D A A D \mathbf{u} = \frac{1}{72}$
$\mathbf{b}^T E A \circ D A A \mathbf{C} \mathbf{u} = \frac{1}{144}$		419. $\mathbf{b}^T D A D A A \mathbf{C} \mathbf{u} = \frac{1}{144}$
$\mathbf{b}^T E A \circ D A C^2 \mathbf{u} = \frac{1}{72}$		420. $\mathbf{b}^T D A D A C^2 \mathbf{u} = \frac{1}{72}$
$\mathbf{b}^T E A \circ D A \circ D C \mathbf{u} = \frac{1}{48}$		421. $\mathbf{b}^T D A D A C D \mathbf{u} = \frac{1}{48}$
$\mathbf{b}^T E A \circ D C A \circ D \mathbf{u} = \frac{1}{24}$		422. $\mathbf{b}^T D A C D A D \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T E A \circ D C A \mathbf{C} \mathbf{u} = \frac{1}{48}$		423. $\mathbf{b}^T D A C D A \mathbf{C} \mathbf{u} = \frac{1}{48}$
$\mathbf{b}^T E A \circ D C^3 \mathbf{u} = \frac{1}{24}$		424. $\mathbf{b}^T D A C^3 D \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T E A \circ D^2 A \circ D \mathbf{u} = \frac{1}{18}$		425. $\mathbf{b}^T D A D^2 A D \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T E A \circ D^2 A \mathbf{C} \mathbf{u} = \frac{1}{36}$		426. $\mathbf{b}^T D A D^2 A \mathbf{C} \mathbf{u} = \frac{1}{36}$
$\mathbf{b}^T E A \circ D^2 C^2 \mathbf{u} = \frac{1}{18}$		427. $\mathbf{b}^T D A C^2 D^2 \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T E A \circ D^3 C \mathbf{u} = \frac{1}{12}$		428. $\mathbf{b}^T D A C D^3 \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T C E A \circ D^3 \mathbf{u} = \frac{1}{6}$		429. $\mathbf{b}^T C D A D^3 \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C E A A \circ D^2 \mathbf{u} = \frac{1}{24}$		430. $\mathbf{b}^T C D A A D^2 \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T C E A A A \circ D \mathbf{u} = \frac{1}{72}$		431. $\mathbf{b}^T C D A A A D \mathbf{u} = \frac{1}{72}$
$\mathbf{b}^T C E A A A \mathbf{C} \mathbf{u} = \frac{1}{144}$		432. $\mathbf{b}^T C D A A A \mathbf{C} \mathbf{u} = \frac{1}{144}$
$\mathbf{b}^T C E A A C^2 \mathbf{u} = \frac{1}{72}$		433. $\mathbf{b}^T C D A A C^2 \mathbf{u} = \frac{1}{72}$
$\mathbf{b}^T C E A A \circ D C \mathbf{u} = \frac{1}{48}$		434. $\mathbf{b}^T C D A A C D \mathbf{u} = \frac{1}{48}$
$\mathbf{b}^T C E A C A \circ D \mathbf{u} = \frac{1}{24}$		435. $\mathbf{b}^T C D A C A D \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T C E A C A \mathbf{C} \mathbf{u} = \frac{1}{48}$		436. $\mathbf{b}^T C D A C A \mathbf{C} \mathbf{u} = \frac{1}{48}$
$\mathbf{b}^T C E A C^3 \mathbf{u} = \frac{1}{24}$		437. $\mathbf{b}^T C D A C^3 \mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T C E A \circ D A \circ D \mathbf{u} = \frac{1}{18}$		438. $\mathbf{b}^T C D A D A D \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T C E A \circ D A \mathbf{C} \mathbf{u} = \frac{1}{36}$		439. $\mathbf{b}^T C D A D A \mathbf{C} \mathbf{u} = \frac{1}{36}$
$\mathbf{b}^T C E A \circ D C^2 \mathbf{u} = \frac{1}{18}$		440. $\mathbf{b}^T C D A C^2 D \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T C E A \circ D^2 C \mathbf{u} = \frac{1}{12}$		441. $\mathbf{b}^T C D A C D^2 \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T E (A \circ D \mathbf{u}) \circ (A \circ D^2 \mathbf{u}) = \frac{1}{6}$		442. $\mathbf{b}^T D (A D \mathbf{u}) \circ (A D^2 \mathbf{u}) = \frac{1}{6}$
$\mathbf{b}^T E (A \circ D \mathbf{u}) \circ (A A \circ D \mathbf{u}) = \frac{1}{18}$		443. $\mathbf{b}^T D (A D \mathbf{u}) \circ (A A D \mathbf{u}) = \frac{1}{18}$
$\mathbf{b}^T E (A \circ D \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{36}$		444. $\mathbf{b}^T D (A D \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{36}$
$\mathbf{b}^T E (A \circ D \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{18}$		445. $\mathbf{b}^T D (A D \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{18}$
$\mathbf{b}^T E (A \circ D \mathbf{u}) \circ (A \circ D C \mathbf{u}) = \frac{1}{12}$		446. $\mathbf{b}^T D (A D \mathbf{u}) \circ (A C D \mathbf{u}) = \frac{1}{12}$
$\mathbf{b}^T E (A \mathbf{C} \mathbf{u}) \circ (A \circ D^2 \mathbf{u}) = \frac{1}{12}$		447. $\mathbf{b}^T D (A \mathbf{C} \mathbf{u}) \circ (A D^2 \mathbf{u}) = \frac{1}{12}$
$\mathbf{b}^T E (A \mathbf{C} \mathbf{u}) \circ (A A \circ D \mathbf{u}) = \frac{1}{36}$		448. $\mathbf{b}^T D (A \mathbf{C} \mathbf{u}) \circ (A A D \mathbf{u}) = \frac{1}{36}$
$\mathbf{b}^T E (A \mathbf{C} \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{72}$		449. $\mathbf{b}^T D (A \mathbf{C} \mathbf{u}) \circ (A A C \mathbf{u}) = \frac{1}{72}$
$\mathbf{b}^T E (A \mathbf{C} \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{36}$		450. $\mathbf{b}^T D (A \mathbf{C} \mathbf{u}) \circ (A C^2 \mathbf{u}) = \frac{1}{36}$
$\mathbf{b}^T E (A \mathbf{C} \mathbf{u}) \circ (A \circ D C \mathbf{u}) = \frac{1}{24}$		451. $\mathbf{b}^T D (A \mathbf{C} \mathbf{u}) \circ (A C D \mathbf{u}) = \frac{1}{24}$
$\mathbf{b}^T C^2 E A \circ D^2 \mathbf{u} = \frac{1}{6}$		452. $\mathbf{b}^T C^2 D A D^2 \mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^2 E A A \circ D \mathbf{u} = \frac{1}{18}$		453. $\mathbf{b}^T C^2 D A A D \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T C^2 E A A \mathbf{C} \mathbf{u} = \frac{1}{36}$		454. $\mathbf{b}^T C^2 D A A \mathbf{C} \mathbf{u} = \frac{1}{36}$
$\mathbf{b}^T C^2 E A C^2 \mathbf{u} = \frac{1}{18}$		455. $\mathbf{b}^T C^2 D A C^2 \mathbf{u} = \frac{1}{18}$
$\mathbf{b}^T C^2 E A \circ D C \mathbf{u} = \frac{1}{12}$		456. $\mathbf{b}^T C^2 D A C D \mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T C E (A \circ D \mathbf{u}) \circ (A \circ D \mathbf{u}) = \frac{1}{6}$		457. $\mathbf{b}^T C D (A D \mathbf{u}) \circ (A D \mathbf{u}) = \frac{1}{6}$
$\mathbf{b}^T C E (A \circ D \mathbf{u}) \circ (A \mathbf{C} \mathbf{u}) = \frac{1}{12}$		458. $\mathbf{b}^T C D (A D \mathbf{u}) \circ (A \mathbf{C} \mathbf{u}) = \frac{1}{12}$

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Table 1 – Continued from previous page

VRK	PVRK ($e_i = 1, d_{ij} = c_i$)	BVRK ($e_i = d_i, d_{ij} = d_j$)
$\mathbf{b}^T CE(AC\mathbf{u}) \circ (AC\mathbf{u}) = \frac{1}{24}$		459. $\mathbf{b}^T CD(AC\mathbf{u}) \circ (AC\mathbf{u}) = \frac{1}{24}$
$\mathbf{b}^T C^3 EA \circ D\mathbf{u} = \frac{1}{6}$		460. $\mathbf{b}^T C^3 DAD\mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^3 EAC\mathbf{u} = \frac{1}{12}$		461. $\mathbf{b}^T C^3 DAC\mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T C^5 E\mathbf{u} = \frac{1}{6}$		462. $\mathbf{b}^T C^5 D\mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T E^2 A \circ D^3\mathbf{u} = \frac{1}{5}$		463. $\mathbf{b}^T D^2 AD^3\mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T E^2 AA \circ D^2\mathbf{u} = \frac{1}{20}$		464. $\mathbf{b}^T D^2 AAD^2\mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T E^2 AAA \circ D\mathbf{u} = \frac{1}{60}$		465. $\mathbf{b}^T D^2 AAAD\mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T E^2 AAAC\mathbf{u} = \frac{1}{120}$		466. $\mathbf{b}^T D^2 AAAC\mathbf{u} = \frac{1}{120}$
$\mathbf{b}^T E^2 AAC^2\mathbf{u} = \frac{1}{60}$		467. $\mathbf{b}^T D^2 AAC^2\mathbf{u} = \frac{1}{60}$
$\mathbf{b}^T E^2 AA \circ DC\mathbf{u} = \frac{1}{40}$		468. $\mathbf{b}^T D^2 AACD\mathbf{u} = \frac{1}{40}$
$\mathbf{b}^T E^2 ACA \circ D\mathbf{u} = \frac{1}{20}$		469. $\mathbf{b}^T D^2 ACAD\mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T E^2 ACAC\mathbf{u} = \frac{1}{40}$		470. $\mathbf{b}^T D^2 ACAC\mathbf{u} = \frac{1}{40}$
$\mathbf{b}^T E^2 AC^3\mathbf{u} = \frac{1}{20}$		471. $\mathbf{b}^T D^2 AC^3\mathbf{u} = \frac{1}{20}$
$\mathbf{b}^T E^2 A \circ DA \circ D\mathbf{u} = \frac{1}{15}$		472. $\mathbf{b}^T D^2 ADAD\mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T E^2 A \circ DAC\mathbf{u} = \frac{1}{30}$		473. $\mathbf{b}^T D^2 ADAC\mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T E^2 A \circ DC^2\mathbf{u} = \frac{1}{15}$		474. $\mathbf{b}^T D^2 AC^2 D\mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T E^2 A \circ D^2 C\mathbf{u} = \frac{1}{10}$		475. $\mathbf{b}^T D^2 ACD^2\mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T CE^2 A \circ D^2\mathbf{u} = \frac{1}{5}$		476. $\mathbf{b}^T CD^2 AD^2\mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T CE^2 AA \circ D\mathbf{u} = \frac{1}{15}$		477. $\mathbf{b}^T CD^2 AAD\mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T CE^2 AAC\mathbf{u} = \frac{1}{30}$		478. $\mathbf{b}^T CD^2 AAC\mathbf{u} = \frac{1}{30}$
$\mathbf{b}^T CE^2 AC^2\mathbf{u} = \frac{1}{15}$		479. $\mathbf{b}^T CD^2 AC^2\mathbf{u} = \frac{1}{15}$
$\mathbf{b}^T CE^2 A \circ DC\mathbf{u} = \frac{1}{10}$		480. $\mathbf{b}^T CD^2 ACD\mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T E^2 (A \circ D\mathbf{u}) \circ (A \circ D\mathbf{u}) = \frac{1}{5}$		481. $\mathbf{b}^T D^2 (AD\mathbf{u}) \circ (AD\mathbf{u}) = \frac{1}{5}$
$\mathbf{b}^T E^2 (A \circ D\mathbf{u}) \circ (AC\mathbf{u}) = \frac{1}{10}$		482. $\mathbf{b}^T D^2 (AD\mathbf{u}) \circ (AC\mathbf{u}) = \frac{1}{10}$
$\mathbf{b}^T E^2 (AC\mathbf{u}) \circ (AC\mathbf{u}) = \frac{1}{20}$		483. $\mathbf{b}^T D^2 (AC\mathbf{u}) \circ (AC\mathbf{u}) = \frac{1}{20}$
$\mathbf{b}^T C^2 E^2 A \circ D\mathbf{u} = \frac{1}{5}$		484. $\mathbf{b}^T C^2 D^2 AD\mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T C^2 E^2 AC\mathbf{u} = \frac{1}{10}$		485. $\mathbf{b}^T C^2 D^2 AC\mathbf{u} = \frac{1}{10}$
$\mathbf{b}^T C^4 E^2\mathbf{u} = \frac{1}{5}$		486. $\mathbf{b}^T C^4 D^2\mathbf{u} = \frac{1}{5}$
$\mathbf{b}^T E^3 A \circ D^2\mathbf{u} = \frac{1}{4}$		487. $\mathbf{b}^T D^3 AD^2\mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T E^3 AA \circ D\mathbf{u} = \frac{1}{12}$		488. $\mathbf{b}^T D^3 AAD\mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T E^3 AAC\mathbf{u} = \frac{1}{24}$		489. $\mathbf{b}^T D^3 AAC\mathbf{u} = \frac{1}{24}$
$\mathbf{b}^T E^3 AC^2\mathbf{u} = \frac{1}{12}$		490. $\mathbf{b}^T D^3 AC^2\mathbf{u} = \frac{1}{12}$
$\mathbf{b}^T E^3 A \circ DC\mathbf{u} = \frac{1}{8}$		491. $\mathbf{b}^T D^3 ACD\mathbf{u} = \frac{1}{8}$
$\mathbf{b}^T CE^3 A \circ D\mathbf{u} = \frac{1}{4}$		492. $\mathbf{b}^T CD^3 AD\mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T CE^3 AC\mathbf{u} = \frac{1}{8}$		493. $\mathbf{b}^T CD^3 AC\mathbf{u} = \frac{1}{8}$
$\mathbf{b}^T C^3 E^3\mathbf{u} = \frac{1}{4}$		494. $\mathbf{b}^T C^3 D^3\mathbf{u} = \frac{1}{4}$
$\mathbf{b}^T E^4 A \circ D\mathbf{u} = \frac{1}{3}$		495. $\mathbf{b}^T D^4 AD\mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T E^4 AC\mathbf{u} = \frac{1}{6}$		496. $\mathbf{b}^T D^4 AC\mathbf{u} = \frac{1}{6}$
$\mathbf{b}^T C^2 E^4\mathbf{u} = \frac{1}{3}$		497. $\mathbf{b}^T C^2 D^4\mathbf{u} = \frac{1}{3}$
$\mathbf{b}^T CE^5\mathbf{u} = \frac{1}{2}$		498. $\mathbf{b}^T CD^5\mathbf{u} = \frac{1}{2}$