

## CALCULS ALGEBRIQUES

L+	-
6	2
4	5
6	7
8	8
4	7
	5
8	5
	6
	4
<b>36</b>	<b>49</b>

$$I = 2 - 3 + 4 - 5 + 7 - 3 + 4 - 5 - 6 + 7 - 3 + 8 - 4 = 32 - 29 = \mathbf{3}$$

$$J = 5 - (+6) + 7 + (-8) - (+9) + (+7) - 5 - 6 - (-7) - 4 + (-8) - (+2) - (-4) - 5 + 6 \\ = 5 - 6 + 7 - 8 - 9 + 7 - 5 - 6 + 7 - 4 - 8 - 2 + 4 - 5 + 6 = 36 - 53 = \mathbf{-17}$$

$$K = -12 - (10 + 5 - 4) + (4 - 5 + 6) - 8 - 10 + (4 + 7 + 9) - (-6 + 7 - 3) - (8 + 5) \\ = -12 - 10 - 5 + 4 + 4 - 5 + 6 - 8 - 10 + 4 + 7 + 9 + 6 - 7 + 3 - 8 - 5 \\ = 43 - 70 = \mathbf{-27}$$

$$L = -2 + (-5 + 6 - 7) - 8 + 4 - [(7 - 6 + 5) - (8 + 4)] - [5 + (6 - 8 + 4)] \\ = -2 - 5 + 6 - 7 - 8 + 4 - 7 + 6 - 5 + 8 + 4 - 5 - 6 + 8 - 4 \\ = 36 - 49 = \mathbf{-13}$$

$$M = 3 - (2 + 3 - 5) + (5 - 3 + 4) - (-6 + 5 + 3) - 8 + 10 + (-3 - 8 + 4) - (5 + 6) \\ = 3 - 2 - 3 + 5 + 5 - 3 + 4 + 6 - 5 - 3 - 8 + 10 - 3 - 8 + 4 - 5 - 6 \\ = 37 - 46 = \mathbf{-9}$$

$$N = -4 - (2 + 3 - 7) - 4 + 3 - [(3 - 8 + 5) - (4 + 5)] - [4 + (5 - 3 + 8)] \\ = -4 - 2 - 3 + 7 - 4 + 3 - 3 + 8 - 5 + 4 + 5 - 4 - 5 + 3 - 8 \\ = 30 - 38 = \mathbf{-8}$$

J+	-
5	6
7	8
7	9
7	5
4	6
	4
	8
	2
6	5
<b>36</b>	<b>53</b>

I+	-
2	3
4	5
7	3
4	5
7	6
8	3
	4
<b>32</b>	<b>29</b>

K+	-
	12
4	10
4	5
6	5
4	8
7	10
9	
6	7
3	8
	5
<b>43</b>	<b>70</b>

M	-
3	2
5	3
5	3
4	5
6	3
10	8
4	3
	8
	5
	6
<b>37</b>	<b>46</b>

N+	-
	4
	2
7	3
3	4
8	3
4	5
5	8
3	4
	5
<b>30</b>	<b>38</b>