Коэффициент Фехнера

Определить коэффициент корреляции знаков для переменных X и Y. [1]

Задача 49.1. *Баханович Иван*
$X = [1, 12, 5, 8, 11, 8, 5, 0.2, 12]$
$Y = [14, 10, 12, 15, 13, 8, 13.1, 7, 5]$

Задача 49.2. *Беленов Степан*
$X = [9, 10, 10, 9, 15, 9, 5, 8.2, 13]$
$Y = [4, 11, 10, 20, 15, 9, 3.1, 4, 6]$

Задача 49.3. *Дони Владлен*
$X = [10, 9, 13, 9, 7, 12, 5, 12, 9.2]$
$Y = [15, 18, 15, 10, 21, 9, 6, 14.1, 6]$

Задача 49.4. *Замашкин Валерий*
$X = [6, 12, 10, 9, 13, 9, 5, 12, 5.2]$
$Y = [11, 16, 16, 21, 15, 9, 10.1, 7, 5]$

Задача 49.5. *Косогоров Алексей*
$X = [8, 11, 10, 12, 10, 12, 5, 11, 7.2]$
$Y = [5, 12, 15, 13, 18, 7, 4.1, 1, 3]$

Задача 49.6. *Малышев Илья*
$X = [6, 9, 11, 8, 11, 9, 5, 5.2, 11]$
$Y = [10, 10, 15, 12, 14, 7, 9.1, 4, 3]$

Задача 49.7. *Мордин Антон*
$X = [1, 11, 12, 10, 7, 10, 5, 0.2, 11]$
$Y = [1, 14, 11, 6, 14, 7, 8, 0.1, 4]$

Задача 49.8. *Носенко Алексей*
$X = [1, 14, 10, 6, 10, 9, 5, 11, 0.2]$
$Y = [5, 14, 9, 17, 14, 8, 6, 4.1, 4]$

Задача 49.9. *Хурэлбаатар Очхуу*
$X = [1, 6, 14, 6, 16, 8, 5, 0.2, 11]$
$Y = [8, 15, 6, 18, 11, 8, 6, 7.1, 6]$

Задача 49.10. *Рейханов Людвиг*
$X = [1, 13, 11, 9, 12, 8, 5, 10, 0.2]$
$Y = [13, 12, 12, 13, 11, 8, 12.1, 4, 6]$

Задача 49.11. *Стручков Юрий*
$X = [2, 7, 11, 12, 10, 5, 5, 1.2, 11]$
$Y = [11, 11, 13, 13, 11, 9, 10.1, 3, 2]$

Задача 49.12. *Учаев Роман*
$X = [2, 9, 7, 12, 12, 5, 5, 9, 1.2]$
$Y = [4, 8, 13, 11, 11, 9, 3.1, 3, 3]$

Задача 49.13. *Шестаков Виктор*
$X = [5, 13, 10, 16, 16, 12, 5, 12, 4.2]$
$Y = [10, 12, 15, 20, 21, 9, 9.1, 5, 7]$

Задача 49.14. *Пахомов В. А.*
$X = [7, 16, 16, 14, 11, 9, 5, 12, 6.2]$
$Y = [2, 21, 21, 17, 12, 6, 6, 1.1, 5]$

[1] Просветов Г.И. Теор.вер. и мат. ст. М.:2015. с. 217.

Задача 49.15. *Дагиянов О.*
$X = [5, 11, 8, 9, 5, 9, 5, 10, 4.2]$
$Y = [5, 9, 16, 9, 14, 7, 4.1, 4, 2]$

Задача 49.16. *Ерзунов И.А.*
$X = [8, 9, 12, 9, 6, 8, 9, 7.2, 12]$
$Y = [9, 13, 14, 9, 12, 11, 8.1, 4, 2]$

Задача 49.17. *Dai Qiao*
$X = [3, 9, 13, 12, 12, 9, 5, 11, 2.2]$
$Y = [15, 18, 13, 17, 14, 7, 6, 14.1, 2]$

Задача 49.18. *Арманду Э.*
$X = [7, 12, 15, 6, 12, 9, 5, 13, 6.2]$
$Y = [4, 20, 12, 14, 16, 9, 6, 3.1, 3]$

Задача 49.19. *Сунь Цзясюань*
$X = [9, 13, 13, 14, 10, 12, 5, 12, 8.2]$
$Y = [11, 18, 20, 14, 18, 8, 6, 10.1, 5]$