Коэффициент Фехнера

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

Задача 49.1.   *Алексахин Антон*
$X = [0.57, 6, 12, 10, 9, 6, 8, 5, 11, -0.43]$
$Y = [10, 12, 16, 17, 9, 10, 6, 6, 4, 9]$

Задача 49.2.   *Балов Артём Игоревич*
$X = [1, 12, 8, 11, 8, 8, 5, 5, 9, 0]$
$Y = [12, 13, 14, 7, 13, 7, 6, 6, 4, 11]$

Задача 49.3.   *Белоусов Георгий Михайлович*
$X = [0.14, 9, 14, 13, 12, 8, 5, 5, 11, -0.86]$
$Y = [11, 21, 12, 10, 15, 9, 6, 6, 4, 10]$

Задача 49.4.   *Бондаренко Андрей*
$X = [0.71, 12, 10, 12, 9, 5, 5, 5, 11, -0.29]$
$Y = [13, 16, 15, 16, 7, 8, 6, 6, 4, 12]$

Задача 49.5.   *Гильманов Булат Наильевич*
$X = [0.43, 11, 16, 14, 8, 9, 5, 5, 12, -0.57]$
$Y = [15, 18, 20, 13, 16, 7, 6, 6, 2, 14]$

Задача 49.6.   *Егоров Всеволод Кириллович*
$X = [0.14, 7, 6, 11, 16, 12, 5, 5, 12, -0.86]$
$Y = [9, 9, 14, 16, 15, 8, 6, 6, 3, 8]$

Задача 49.7.   *Журавлева Анастасия*
$X = [0.14, 7, 12, 6, 14, 8, 5, 5, 10, -0.86]$
$Y = [11, 17, 10, 18, 13, 9, 6, 6, 3, 10]$

Задача 49.8.   *Зубрильчев Даниил*
$X = [0.14, 8, 7, 5, 12, 8, 5, 5, 10, -0.86]$
$Y = [7, 9, 8, 14, 14, 7, 6, 6, 7, 6]$

Задача 49.9.   *Изотов Роман Игоревич*
$X = [1.43, 13, 10, 9, 15, 5, 5, 5, 11, 0.43]$
$Y = [2, 10, 11, 16, 8, 8, 6, 6, 2, 1]$

Задача 49.10.   *Луканин Александр Сергеевич*
$X = [0.14, 13, 6, 9, 11, 14, 5, 5, 14, -0.86]$
$Y = [9, 9, 15, 15, 18, 8, 6, 6, 5, 8]$

Задача 49.11.   *Семенов Дмитрий Сергеевич*
$X = [0.29, 11, 12, 8, 6, 12, 5, 5, 12, -0.71]$
$Y = [12, 13, 12, 9, 19, 7, 6, 6, 6, 11]$

Задача 49.12.   *Степанова Светлана*
$X = [0.29, 12, 13, 12, 8, 9, 5, 5, 12, -0.71]$
$Y = [12, 15, 11, 12, 13, 6, 6, 6, 1, 11]$

Задача 49.13.   *Уткин Артем Евгеньевич*
$X = [1.14, 8, 15, 12, 9, 8, 5, 5, 13, 0.14]$
$Y = [2, 16, 15, 9, 11, 8, 6, 6, 6, 1]$

Задача 49.14. *Храпов Иван Николаевич*
$X = [0.71, 6, 11, 14, 11, 8, 5, 5, 13, -0.29]$
$Y = [7, 13, 20, 16, 13, 6, 6, 6, 6, 6]$

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

Задача 49.15. *Чернышев Егор Вадимович*
$X = [1.29, 14, 12, 16, 11, 12, 5, 5, 13, 0.29]$
$Y = [4, 16, 18, 15, 21, 7, 6, 6, 7, 3]$

Задача 49.16.
$X = [0.14, 13, 12, 11, 11, 5, 5, 5, 12, -0.86]$
$Y = [1, 12, 13, 13, 9, 9, 6, 6, 3, 0]$

Задача 49.17.
$X = [0.71, 9, 14, 13, 14, 9, 5, 5, 11, -0.29]$
$Y = [8, 21, 18, 17, 14, 7, 6, 6, 3, 7]$

Задача 49.18.
$X = [1.29, 8, 8, 6, 11, 12, 5, 5, 11, 0.29]$
$Y = [15, 8, 6, 13, 17, 11, 7, 6, 2, 14]$

Задача 49.19.
$X = [0.43, 6, 10, 9, 11, 6, 8, 5, 10, -0.57]$
$Y = [10, 16, 17, 17, 7, 10, 6, 6, 5, 9]$

Задача 49.20.
$X = [1.43, 11, 10, 11, 5, 5, 5, 5, 9, 0.43]$
$Y = [12, 14, 16, 9, 6, 6, 6, 6, 1, 11]$

Задача 49.21.
$X = [1, 9, 10, 6, 9, 9, 5, 5, 11, 0]$
$Y = [5, 10, 11, 15, 17, 7, 6, 6, 5, 4]$

Задача 49.22.
$X = [1.43, 7, 12, 10, 8, 5, 9, 5, 12, 0.43]$
$Y = [5, 15, 13, 12, 11, 12, 6, 6, 2, 4]$

Задача 49.23.
$X = [0.86, 9, 16, 14, 8, 12, 5, 5, 11, -0.14]$
$Y = [5, 16, 17, 8, 18, 7, 6, 6, 4, 4]$

Задача 49.24.
$X = [0.29, 10, 6, 13, 11, 9, 5, 5, 13, -0.71]$
$Y = [3, 9, 18, 14, 12, 8, 6, 6, 5, 2]$

Задача 49.25.
$X = [0.71, 5, 10, 10, 8, 9, 5, 5, 13, -0.29]$
$Y = [1, 14, 13, 10, 12, 8, 6, 6, 5, 0]$

Задача 49.26.
$X = [1.14, 9, 16, 13, 6, 12, 5, 5, 12, 0.14]$
$Y = [6, 17, 15, 8, 17, 9, 7, 6, 2, 5]$