**Решение тригонометрических уравнений**

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| Уравнение | Общее решение | Частные случаи | | |
| *а = 0* | *а = 1* | *а = -1* |
| *sinx = a* | *x = arcsina + 2πk,*  *x = π - arcsina + 2πk* | *x = πk* |  |  |
| *cosx = a* | *x = ± arccosa + 2πk* |  | *x = 2πk* | *x = π + 2πk* |
| *tgx = a* | *x = arctga + πk* | *x = πk* |  |  |
| *ctgx = a* | *x = ± arcctga + πk* |  |  |  |
|  |  | где | | |