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| **таблица эквивалентных бесконечно малых функций** |
| $$sinx$$ | $$x$$ |
| $$arcsinx$$ | $$x$$ |
| $$tgx$$ | $$x$$ |
| $$arctgx$$ | $$x$$ |
| $$1-cosx$$ | $$\frac{x^{2}}{2}$$ |
| $$a^{x}-1$$ | $$x∙lna$$ |
| $$e^{x}-1$$ | $$x$$ |
| $$ln\left(1+x\right)$$ | $$x$$ |
| $$log\_{a}\left(1+x\right)$$ | $$\frac{x}{lna}$$ |
| $$\left(1+x\right)^{m}-1$$ | $$mx$$ |