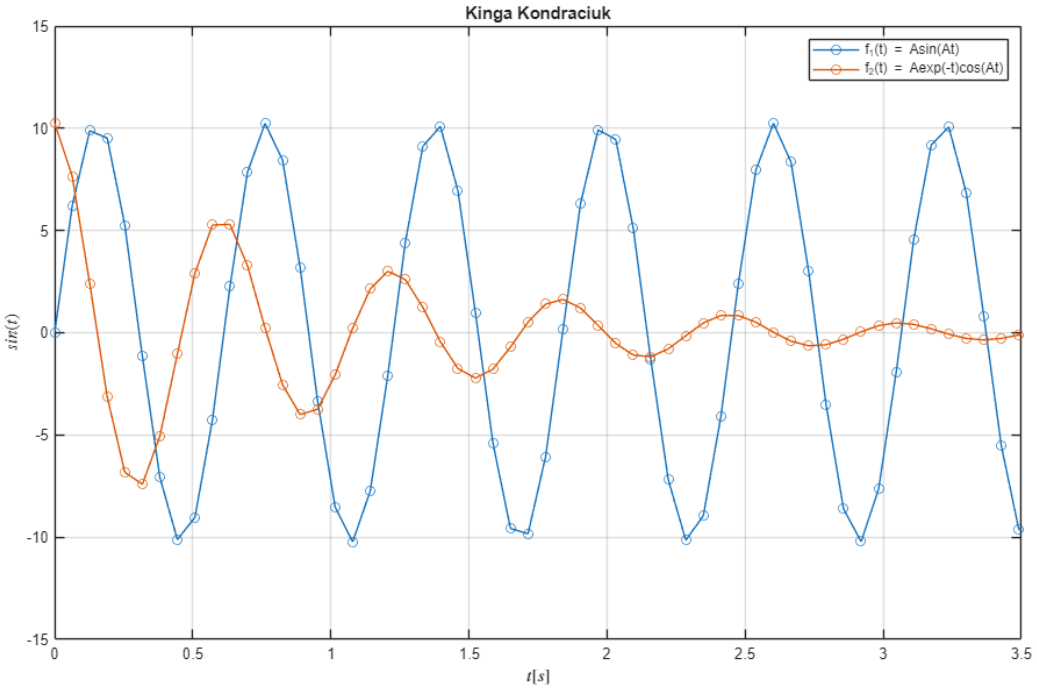
```
clc;
clear;
close all;

A = 41/4;
t = linspace(0, 2*pi, 100);
f1 = A * sin(A * t);
f2 = A * exp(-t) .* cos(A * t);

plot(t, f1, '-o', 'DisplayName', 'f_1(t) = Asin(At)');
hold on;
plot(t, f2, '-o', 'DisplayName', 'f_2(t) = Aexp(-t)cos(At)');
hold off;

xlim([0 3.5])

xlabel('$t [s]$', 'Interpreter', 'latex');
ylabel('$sin(t)$', 'Interpreter', 'latex');
title('Kinga Kondraciuk');
legend show;
grid on;
```



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