```matlab
function discSinu()
x=linspace(-10, 10, 30);
z=zeros(length(x));
y=5*sin(2*pi*0.1*x);
stem(x,y);
xlim([-10, 10]);
ylim([-6, 6]);
xlabel('n');
ylabel('x(n)');
title('Sinusoidal Discrete Function');
end
```
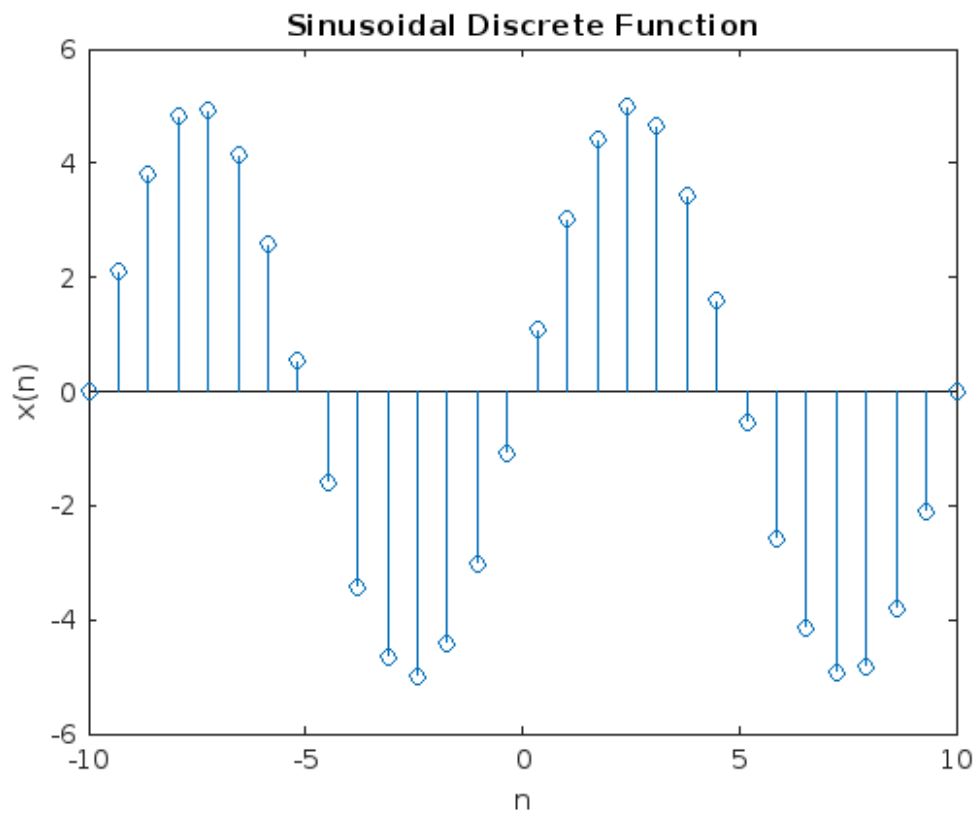
Sinusoidal Discrete Function

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