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Fortsettung: Fußlall mit Strömungs widestand

ay

Fs: Sin O - 9 = y

Fs: A. Cw. A. S. v²

- Fs co O

ax
```

```
Junction Fs = StroemWidet(v)

d = 0.22; % Durdmessr

A = \text{pi} \star d^2 / 4; % Quasslidt A = \overline{u}d^2

cw = 0.25; % cw - \text{Wark}

ho = 1.29; % Stoffdichte kg/m³

Fs = 0.5 \star cw \star A \star 2ho \star v^2;
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```
function [ax, ay] = a Brens (Fs, theta)

m = 0.45; % Ballmasse kg

Fx = -Fs * co (theta); % Laftwiderstand x

Fb = -Fs * sin (theta); % "

ax = Fx/m; % derd Luftwiderstand recenste

ay = Fy/m; % Brens beschlemnisung
```



