Stage game 6

Linear counst sligspoly  $A_i = (0, \infty)$   $g_i \in A_i$   $u_i(g) = g_i \{ max \{ 1-q, 0 \} - c \}$ 

intinity repeared  $G^{\infty}$ .  $\mathcal{L}_{t=0}^{T}$   $\mathcal{L}_{t=0}^$ 

per-period profit when each firm products of

Stage utility from BK-ing to everyone else produing &

f(g) = g[max {1-ng, 0}-c]

g(q) = max q'[max {1-(n-1)q-q', 0}-c]

brim Trigger to Nash

h1, h1, h2, h3

1-d+Q

-> AII P

All play

$$\int_{2}^{m} |f| df = \int_{2}^{m} \int_{2}^{m} \frac{1}{m+1}$$

Step 2

Average

Asserting as  $f(q^m) = f(q^m)$ 

$$f(q^m) + \int_{2}^{m} f(q^m) + \int_{2}^{2} f(q^m) + \dots$$

$$\int_{2}^{m} f(q^m) + \int_{2}^{m} f(q^m) + \int_{2}^{2} f(q^m) + \dots$$

$$\int_{2}^{m} f(q^m) + \int_{2}^{m} f(q^m) + \int_{2}^{2} f(q^m) + \dots$$

In each star, thus denomination (one that deviation)

$$\int_{2}^{m} f(q^m) + \int_{2}^{m} f(q^m) + \int_{2}^{2} f(q^m) + \dots$$