1. Stock variables

K Capital stock

W Net wealth of a country (net claims on the future output of the rest of the world)

M Domestic nominal money supply

*M** Foreign nominal money supply

B Domestic (government) bonds

2. Flow variables

 Y^{GNP} Income (Output)—Gross National Product, the income generated by domestic factors of production in one year. Y^{GNP} roughly equals national income

C Consumption of private households

G,T G: Government spending, T: Taxes

I Investment, $I=\Delta K$ (increase of capital stock)

EX Exports

IM Imports

CA Current account balance, assumed to be roughly $CA \approx EX - IM$ (net exports).

The financial view $CA = \Delta W$ is correct.

A current account surplus is equivalent to net foreign lending. Domestic consumers give up consumption of their goods today in exchange for future consumption of foreign goods. A current account surplus is therefore an accumulation of claims on the future output of the rest of the world. A current account deficit is equivalent to net borrowing from abroad. If *private* capital flows do not match the current account surplus (or deficit), the central increases or reduces its reserves accordingly. Reserves are part of the country's net wealth.

S Savings, $S = I + CA = \Delta K + \Delta W$. In an open economy, national savings are applied to domestic investment and foreign lending.

 Y^{GDP} Output—Gross Domestic Product, the production of goods and services within domestic borders in one year. Domestic wealth invested abroad yields interest income for domestic residents: R^*W . So, $Y^{GNP} = R^*W + Y^{GDP}$ and the correct current account balance is $CA = R^*W + EX - IM$.

3. Prices

E Nominal (spot) exchange rate (denominated in [USD/units of foreign currency]). A nominal appreciation is a decrease of E.

 E^e Expected future nominal exchange rate.

F Forward nominal exchange rate (denominated in [USD/units of foreign currency]_{tomorrow})

P Domestic price level (price of domestic consumption basket). Individual prices: p_i . So, $P = a_1 p_1 + ... + a_i p_i + ... + a_N p_N$

*P** Foreign price level (price of foreign basket)

q Real exchange rate, defined as $q \equiv \frac{EP^*}{P}$ (denominated in quantities: [1]). It denotes the relative price of a unit of the foreign consumption basket (numerator) in terms of the domestic consumption basket (denominator). A real appreciation is equivalent to a lower q.

R Nominal interest rate

 π^e (Expected) inflation rate, $\pi^e \equiv \frac{\Delta^e P}{P}$

 r^e (Expected) real interest rate; $R = r^e + \pi^e$.