Notes on extracting polarization observables

- 11-14-13
  - Formalism

11-14-13

Formalism

$\left(\frac{d\sigma}{dX^{ij}d\phi^j}\right)^h \doteq f^h(X^{ij},\phi^j) = A^{ij} + B^{ij}\cos\phi^j + C^{ij}\cos 2\phi^j + hPD^{ij}\sin\phi^j$

where

- ij = index over Varset,Variable (3x5 matrix)
- $R2_\alpha^{ij} \doteq [A^{ij}, B^{ij}, C^{ij}, D^{ij}] \equiv [R_T + \epsilon_L R_L, R_{LT}, R_{TT}, R_{LT'}]$
  - $R2_\alpha^{ij} = f(Q^2, W, X^{ij})$

Event Selection

Knowledge & Questions based on current Observations

1. What do `R2` from Simulation Data (`SF`) represent?
   - Study in comparison with Hole-Filled Experimental Data (`EF`)
   - Therefore, is Hole-Filling valid?
2. `R2` from Acceptance Corrected Experimental Data (`EC`)

This is a normal paragraph:

This is also

```
This is a code block
```

Use `printf`