Here are some corrections that were necessary, in Lecture 22.

On page 142, change the last 7 lines to the following:

Let \( \sigma \) be an \( \equiv_{2m^2}^k \)-equivalence class, and \( \tau \) an \( \equiv_{m^2}^{k+1} \)-equivalence class. Let \( a \in \sigma \subseteq \mathbb{R}^k \). We say that \( \tau \) is consistent with \( \sigma \) via \( a \) if there exists an \( a' \in \mathbb{R} \) such that \( (a, a') \in \tau \).

**Lemma 22.4:** Let \( a \in \mathbb{Q}^k \), and let \( \sigma \) be the \( \equiv_{2m^2}^k \)-equivalence class of \( a \). The set
\[
\{(a, f(a)/c) : f \in A_{2m^2}^k, |c| \leq 2m^2, c \in \mathbb{Z}\}
\]
contains a representative of every \( \equiv_{m^2}^{k+1} \)-equivalence class that is consistent with \( \sigma \) via \( a \).