

Facebook Messenger interface showing a chat conversation with 'Muhammad'.

The chat history on the left includes:

- Chats
- Search Messenger
- New Message Requests From Zain Hoosan and ...
- Moutu Abdou Salam Mo...
- أبو محمد (Active 38m ago)
- منار ام ابراهيم (sent a video)
- Syed Ahmed (Say hi to your new ...)

The main chat area shows a message from 'أبو محمد' (Active 38m ago):

Recall that R is AV iff R' is V and $R \setminus \subset R'$ is a root extension

Try this: If V is an AV-domain, $V \wedge L$ need not have quotient field L . Let $F < G$ be a purely inseparable field extension of bounded exponent. Let $R = F + XG[[X]]$, so $R = G[[X]]$ a DVR. Now $R \subset R'$ is a root extension, so R is an AV-domain with quotient field $G((X))$. But $R \wedge F = F \setminus \text{proper subset } G = R' \wedge G$.

Let me warn you however that this is an

The right sidebar shows the contact's profile picture, name 'أبو محمد', status 'Active 38m ago', and options like 'Search in Conversation', 'Edit Nicknames', and 'Change Color'.

The screenshot shows a Facebook Messenger chat interface on a mobile device. At the top, there's a navigation bar with a 'Chats' icon, a search bar, and a profile picture of 'Abu Mohamed' (ابو محمد) with the status 'Active 40m ago'. Below this, the chat history is visible, showing a conversation about a 'New Project' and a 'New Project' link. The bottom navigation bar features icons for 'Chats', 'Home', 'Create', and 'Profile'.