

OpenXiangShan / NEMU Public

<> Code Issues 24 Pull requests 23 Actions Projects Wiki Secu

fix(vector): remove incorrect decode for some insts #958

Merged cebarobot merged 1 commit into master from fix-v-decode on Dec 3, 2025

Conversation 0 Commits 1 Checks 12 Files changed 1

cebarobot commented on Dec 2, 2025

Member

In previous commit [a4dd9c0](#), the decode of vopm are divided into vopmv (funct3=OPMVV) and vopmvx (funct3=OPMVX).

However, some instructions are incorrectly duplicated in both categories, e.g., there is only vredxor.vv but no vredxor.vx, but vredxor is put in both vopmvv and vopmvx. This commit removes those incorrect decodes.

Fix [#952](#).

fix(vector): remove incorrect decode for some insts 4ecc1da

cebarobot requested review from Ziyue-Zhang and lewislzh 4 months ago

cebarobot requested review from Anzooooo and good-circle as code owners 4 months ago

cebarobot mentioned this pull request on Dec 2, 2025

Incorrect decode mask for vsetvli/vsetivli/vsetvl #952

Closed

Ziyue-Zhang approved these changes on Dec 3, 2025

[View reviewed changes](#)

✓ Anzooooo approved these changes [on Dec 3, 2025](#)

[View reviewed changes](#)

✓ lewislzh approved these changes [on Dec 3, 2025](#)

[View reviewed changes](#)

🔗 cebarobot merged commit **481de63** into `master` [on Dec 3, 2025](#)

12 checks passed

[View details](#)

🔗 cebarobot deleted the `fix-v-decode` branch [4 months ago](#)

📄 cebarobot added a commit that referenced this pull request [on Dec 3, 2025](#)

👤 `fix(vector): remove more incorrect decodes for some insts` ...

✗ [ee4b492](#)

📄 cebarobot mentioned this pull request [on Dec 3, 2025](#)

fix(vector): remove more incorrect decodes for some insts #960

🔗 Merged

📄 cebarobot added a commit that referenced this pull request [on Dec 3, 2025](#)

👤 `fix(vector): remove more incorrect decodes for some insts` ...

✓ [d81029a](#)

📄 cebarobot added a commit that referenced this pull request [on Dec 3, 2025](#)

👤 `fix(vector): remove more incorrect decodes for some insts (#960)` ...

✓ [f4ce8f9](#)

Sign up for free to join this conversation on GitHub. Already have an account? [Sign in to comment](#)

Reviewers

👤 Ziyue-Zhang

✓

👤 lewislzh

✓

👤 Anzooooo

✓



Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

Incorrect decode mask for vsetvli/vsetivli/vsetvl

4 participants

